

S5N





(*) Stainless steel models. ATEX II 3DG

CDATALOGIC

EXTENDED RANGE OF STANDARD "ONE FOR ALL" PHOTOELECTRIC TUBULAR M18 SENSORS

- All optic functions
- Improved EMI immunity
- Improved ambient light immunity
- Improved laser safety level
- M18 flat plastic with universal mounting
- Short plastic housing models
- · Available in M18 metal housing
- Stainless steel housing models
- Axial or radial optics, cable or connector
- Standard 4-wire NO-NC NPN or PNP output
- M12 pigtail models available
- IO-Link connectivity V1.1 with double channel

APPLICATIONS

- · Processing and Packaging machinery
- · Conveyor lines, material handling
- Ceramics intralogistics
- · Automated warehousing

	S5N		
Through beam		025 m (S5N-PP/NN; S5N-Px/MxPK/NK models) 020 m (S5N-SA/NA models) 060 m (class 1 LASER S5NPP/NN models)	
Retroreflective (on R2 reflector)	0,14 m (S5N-PP/NN; S5N-Px/MxPK/NK models)		
Polarized retroreflective (on R2 reflector)	0,13m (S5N-Px/MxPK/NK models) 0,14 m (S5NPP/NN; S5N-SA/NA models) 0,116 m (class 1 LASER S5NPP/NN models)		
Retroreflective for transparent (on R2 reflector)	0,10,8 m (S5N-SA/NA) 0,11,3 m (S5NPP/NN models)		
Diffuse proximity		short distance 0100 mm (all models) medium distance 0400 mm (S5NPP/NN models) medium distance 0350 (S5N-SA/NA models) medium distance 0450 (S5N-Px/MxPK/NK models) long distance 0700 amm (S5NPP/NN models) long distance Laser 0350 mm (S5NPP/NN models)	
Fixed focus	50 mm (S5N-SA/NA models) 100 mm (S5NPP/NN models)		
Background suppression		40120 mm (S5N-SA/NA models) 50150 mm (S5NPP/NN models)	
Through beam with fiber optic		0100 mm (S5NPP/NN models)	
Diffuse proximity with fiber optic		030 mm (S5NPP/NN models)	
Contrast sensor		10 ±2 mm (S5NPP/NN models)	
Luminescence sensor		020 mm (S5NPP/NN models)	
	VDC	1030 V	
Power supply	VAC		
	VAC/DC		
	PNP	•	
Output	NPN NPN/PNP	•	
output	relay		
	other	I0-Link v 1.1	
	cable	•	
Connection	connector	•	
pig-tail		•	
Approximate dimensions (mm)		M18 x (see mechanical drawings)	
Housing material		PBT, Nickel plated Brass (S5N-PP/NN; S5N-Px/MxPK/NK models) ABS, AISI 316 L Stainless steel inox (S5N-SA/NA models)	
Mechanical protection		IP67 (S5N-PP/NN; S5N-Px/MxPK/NK models) IP65 - IP67 - IP69K (S5N-SA/NA)	

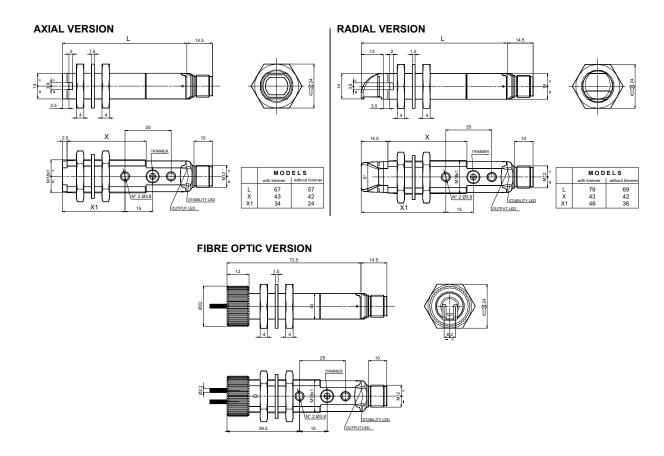
TECHNICAL DATA

Power supply	10 to 30 VDC (limit values all models)					
Ripple	2 VPP max. (all models)					
Consumption (output current excluded)	35 mA max. (all models)					
	red LED 630 nm (mod. S5ND00/E01, S5N-PA/MAM03)					
	red LED 660 nm (mod. S5NB01PP/NN/PK/NK; S5NT01PP/NN) - (mod. S5N-SA/NAB/D/T/M)					
	red LED 670 nm (mod. S5N-PS/MSM03PP/NN)					
Light emission	IR LED 880 nm - (mod. S5N-Px/MxA00/C01/C10/C21/G00PP/NN/PK/NK) - (mod. S5N-SA/NAA/C/C					
	white LED 400-700 nm (mod. S5NW03PP/NN)					
	UV LED 370 nm (mod. S5NU03PP/NN)					
	red Laser 650 nm (mod. S5N-PH/PLG00/B01/C01PP/NN)					
	Sensivity trimmer 270° and without trimmer model (see mech drawings)					
Setting	4 turns sensitivity trimmer (mod. S5N-Px/MxM01PK/NK)					
	teach-in push-button (mod. S5NM03/W03/U03PP/NN)					
	LIGHT mode on N.O. output / DARK mode on N.C. output (mod.S5NC01/C10/C21/D00/M03/U03PP/NI					
	DARK mode on N.O. output / LIGHT mode on N.C. output (mod.S5NA00/B01/E01/F01/T01/W03PP/NI					
Operating mode	L/D input white wire or pin 2, if pin not connected on S5N-Px/MxPK/NK:					
	LIGHT mode (mod. S5N-Px/MxC/D/MPK/NK)					
	DARK mode (mod. S5N-Px/MxA/B/T/FPK/NK)					
	white wire or pin 2 connected to: 0 V DARK mode, +VCC LIGHT mode					
	yellow OUTPUT LED (S5N, excl. mod. G00)					
Indicators	green STABILITY LED (mod. S5NB01/C01/C21/E01/F01/W03/U03), POWER LED (mod. S5NG00)					
	green/red READY/ERROR LED (mod. S5NM03PP/NN)					
• • •	PNP or NPN; NO; NC (mod. S5NPP/NN)					
Output	PNP or NPN (mod. S5N-Px/MxPK/NK)					
	I0-Link v 1.1 (mod.S5N0Z)					
IO-Link interface	(mod.S5N0Z) v 1.1, com 2, 38, 4 kBaud, 32 bit process data,					
<u> </u>	5 ms cycle time LED emission model, 8 ms cycle time LASER emission model					
Output current	100 mA max. (all models)					
Saturation voltage	2 V max. (all models)					
	0.5 ms (mod. S5NA00/B01/T01/C10/C21/C01/D00/E01/U03PP/NN) - (mod. S5N-Px/MxD00PK/Nk					
.	2 ms (mod. S5NF01/G00PP/NN) - (mod. S5N-Px/MxF00PK/NK)					
Response time	1 ms (mod. S5NM03PP/NN) - (mod. S5N-Px/MxA/B/C/T/MPK/NK)					
	100 μs (mod. S5NW03PP/NN)					
	333 µs (mod. S5N-PH/PLPP/NN Laser emission models)					
	1 kHz (mod. S5NA00/B01/T01/C10/C21/C01/D00/E01/U03PP/NN) - (mod. S5N-Px/MxD00PK/Nk					
	250 Hz (mod. S5NF01/G00PP/NN) - (mod. S5N-Px/MxF00PK/NK)					
Switching frequency	500 Hz (mod. S5NM03PP/NN) - (mod. S5N-Px/MxA/B/C/T/MPK/NK)					
	100 μs (mod. S5NW03PP/NN)					
	333 μs (mod. S5NPP/NN Laser emission models)					
Connection	M12 4-pole connector, 2 m cable Ø 4 mm, 150 mm length Ø 4 mm cable with M12 4-pole connector					
Dielectric strength	500 VAC, 1 min between electronics and housing					
Insulating resistance	>20 MΩ, 500 VDC between electronics and housing					
Electrical protection	Class 2					
Mechanical protection	IP67 (S5N-PP/NN; S5N-Px/MxPK/NK models) IP65 - IP67 - IP69K (S5N-SA/NA)					
Ambient light rejection	According to EN 60947-5-2					
Vibrations	0.5 mm amplitude, 10 55 Hz frequency, for every axis (EN60068-2-6)					
Shock resistance	11 ms (30 G) 6 shock for every axis (EN60068-2-27)					
	PBT, Nickel plated Brass (S5N-Px/MxPP/NN/PK/NK models)					
Housing material	ABS, AISI 316 L Stainless steel inox (S5N-SA/NA models)					
Lens material	PMMA (all models)					
Econo materiat	-25 to 55 °C					
Operating temperature	(Laser mod.) -10 to 50 °C					
Storage temperature	-25 to 70 °C					
otorago temperature	Plastic version 75 g max. cable vers. (90 g max. mod. M03), 25 g max. conn. vers. (40 g max. mod. M03)					
Weight	Metal version 110 g max. cable vers. (70 g max. mod. M03), 60 g max. conn. vers. (75 g max. mod. M03) Metal version 110 g max. cable vers. (125 g max. mod. M03), 60 g max. conn. vers. (75 g max. mod. M03)					

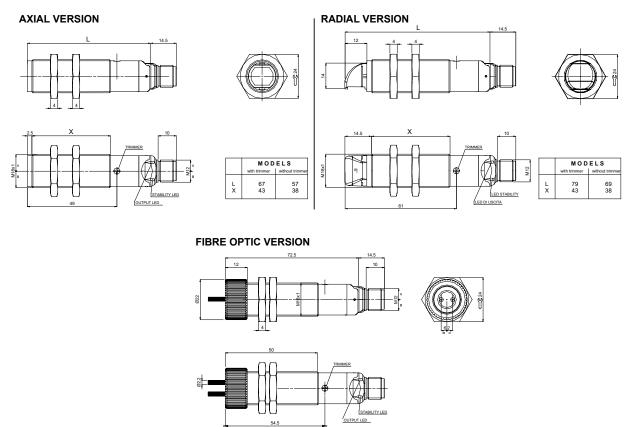
DIMENSIONS

S5N...NN/PP MODELS

PLASTIC



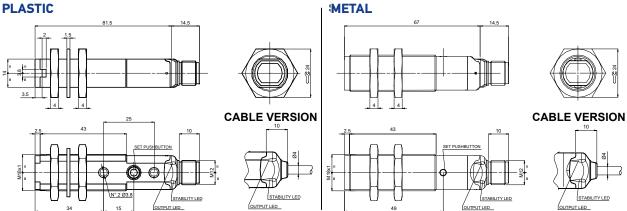
METAL



BACKGROUND SUPPRESSION AXIAL VERSION

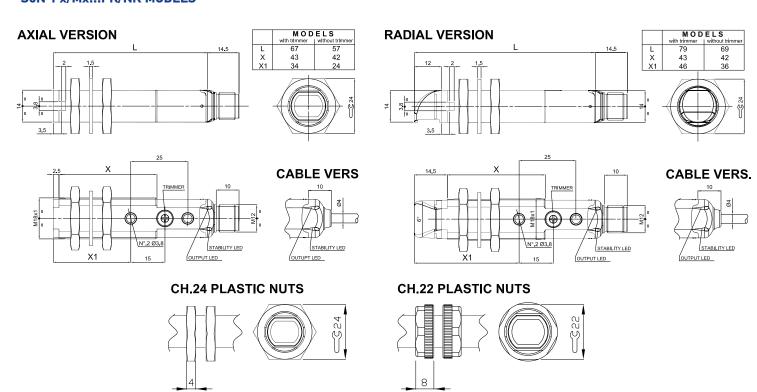
PLASTIC METAL CABLE VERSION CABLE

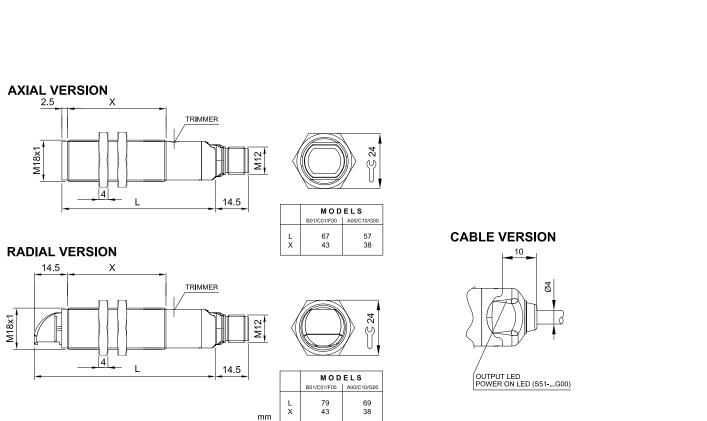
LUMINESCENCE AND CONTRAST PLASTIC



DIMENSIONS

S5N-Px/Mx...PK/NK MODELS

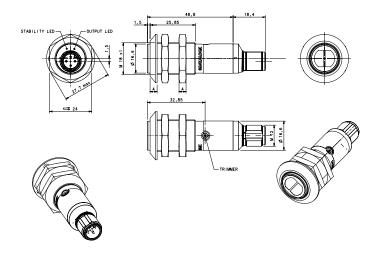




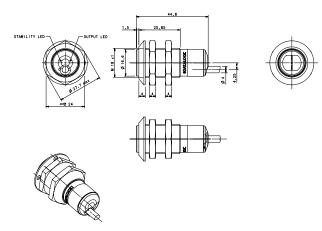
S5N-SA MODELS

PLASTIC

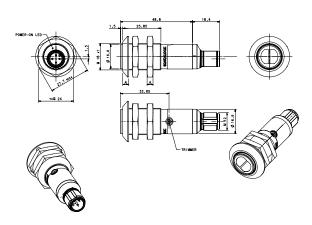
M12 connector version



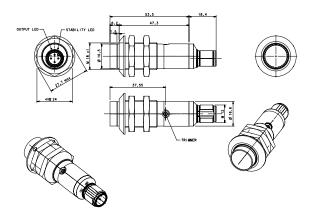
Cable version



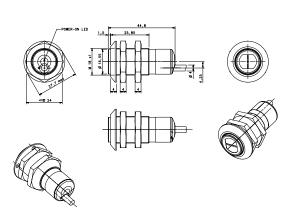
Through beam emitter - M12 connector version



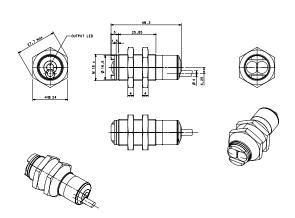
Background suppression - M12 connector version



Through beam emitter - cable version



Diffuse proximity - cable version

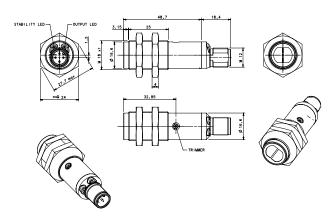


DIMENSIONS

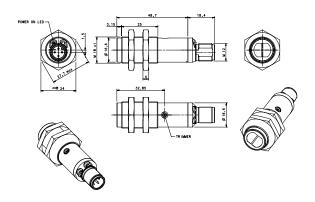
S5N-NA MODELS

STAINLESS STEEL

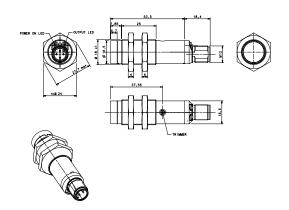
M12 connector version



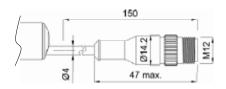
Through beam emitter - M12 connector version



Background suppression - M12 connector version



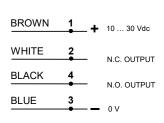
Pig-tail version

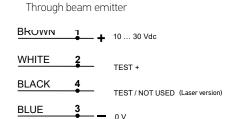


CONNECTIONS

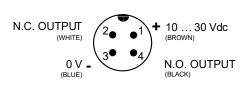
S5N...PP/NN MODELS

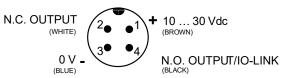




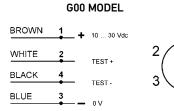


M12 CONNECTOR





S5N-Px/Mx...PK/NK MODELS



A00/B01/C01/C10/C20/F00 MODELS

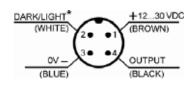


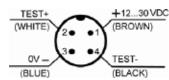
Cable and Pig-tail

M12 connector









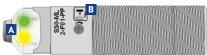
Through beam emitter

INDICATORS AND SETTINGS

S5N...PP/NN MODELS

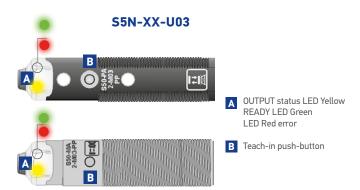
S5N-XX...A00/B01/C01/C21/E01/F01/T01





- A OUTPUT status LED Yellow
 STABILITY LED Green (Only Receiver)
 POWER ON LED Green (Only Emitter)
- B Adjustment trimmer (receiver)

Single-turn trimmer for sensitivity adjustment. Rotate in a clockwise direction to increase the operating distance.



S5N-XX-M03/W03

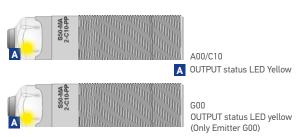


- OUTPUT status LED Yellow READY LED Green
- B Teach-in push-button

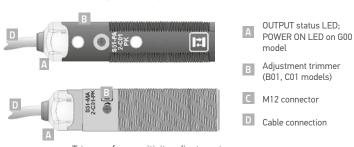
Teach-in button for setting.

EASYtouchTM provides two setting modes: standard or fine, both obtained by pressing the push-button only once. Please refer to instructions manual for operating details.

S5N-XX-A00/C10/D00

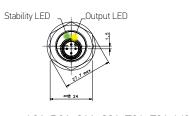


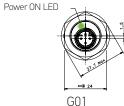
S5N-Px/Mx...PK/NK MODELS

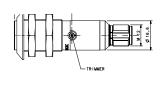


Trimmer for sensitivity adjustment. Rotate in a clockwise direction to increase the operating distance.

Plastic/metal case with trimmer, M12 connector





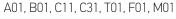




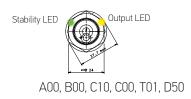


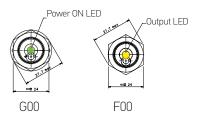






Plastic, no trimmer, Cable, Pig Tail

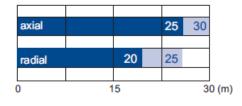


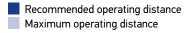


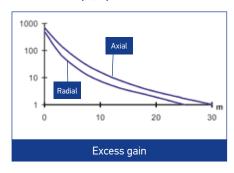
DETECTION DIAGRAMS

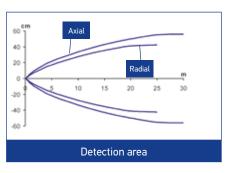
S5N...PP/NN MODELS

THROUGH BEAM (G/F) INFRARED EMISSION

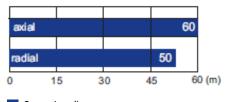




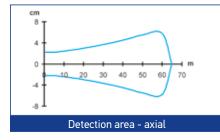


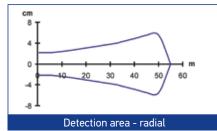


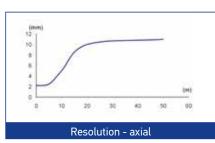
THROUGH BEAM (G/F) LASER RED EMISSION

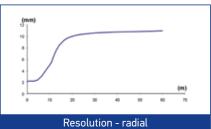


Operating distance

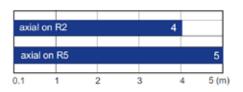




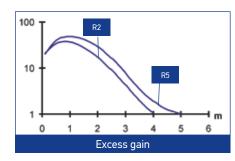


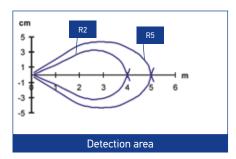


RETROREFLECTIVE (A) INFRARED EMISSION



Operating distance



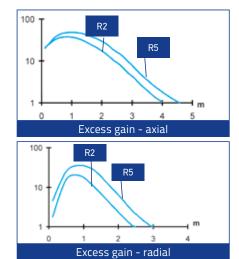


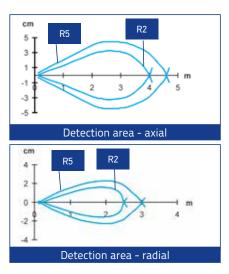
RETROREFLECTIVE POLARIZED (B) RED EMISSION



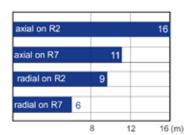
Recommended operating distance
Maximum operating distance

High efficiency reflectors can be used to obtain larger operating distances.
Refer to **Reflectors** (A.01).





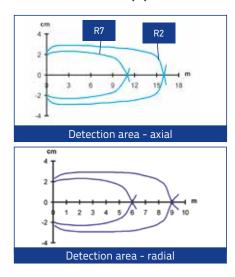
RETROREFLECTIVE POLARIZED (B) LASER RED EMISSION

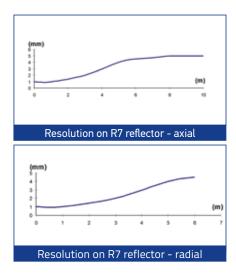


Operating distance

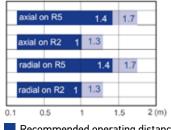
High efficiency reflectors can be used to obtain larger operating distances.

Refer to Reflectors (A.01).

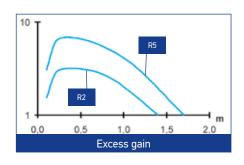




RETROREFLECTIVE TRANSPARENT (T) RED EMISSION

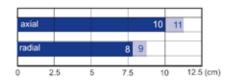


Recommended operating distance
Maximum operating distance

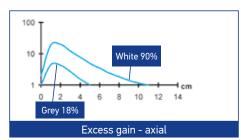


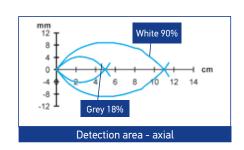
High efficiency reflectors can be used to obtain larger operating distances. Refer to Reflectors.

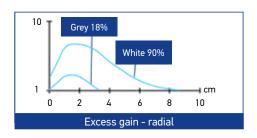
ENERGETIC DIFFUSED (C) SHORT INFRARED EMISSION

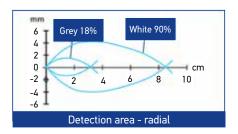


Recommended operating distance
Maximum operating distance

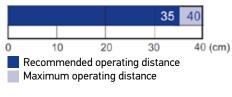


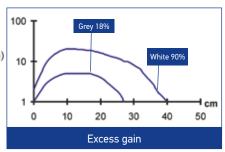


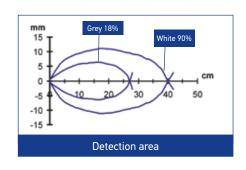




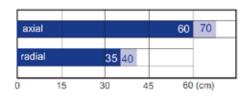
ENERGETIC DIFFUSED (C) MID INFRARED EMISSION



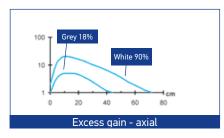


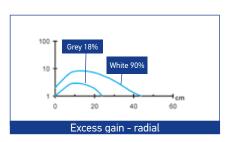


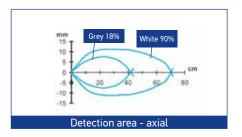
ENERGETIC DIFFUSED (C) LONG INFRARED EMISSION

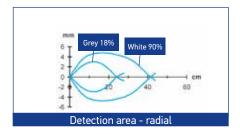


Recommended operating distance
Maximum operating distance





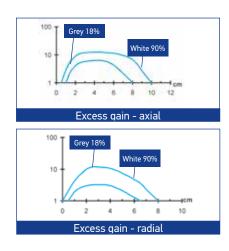


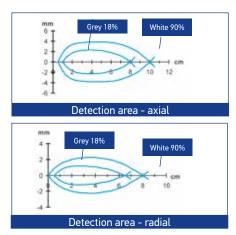


FIXED FOCUS (D) RED EMISSION

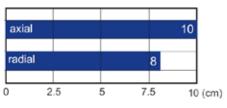


Operating distance

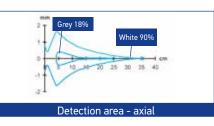


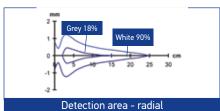


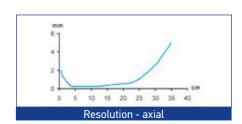
DIFFUSED (C) LASER RED EMISSION

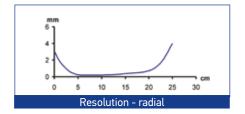


Operating distance

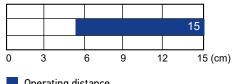






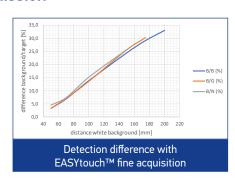


BACKGROUND SUPPRESSOR (M) AXIAL RED EMISSION

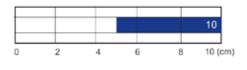


Operating distance

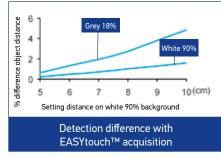


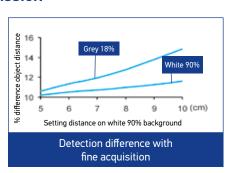


BACKGROUND SUPPRESSOR (M) RADIAL RED EMISSION

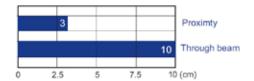


Operating distance





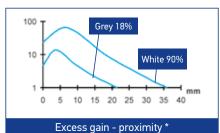
FIBER OPTIC (E) RED EMISSION

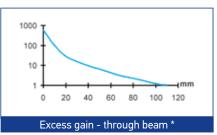


Operating distance with standard fibers

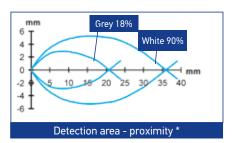
Standard Fiber-optics: 0F-42-ST-20 proximity 0F-43-ST-20 through beam

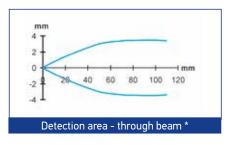
High efficiency fiber-optics or accessory lenses can be used to obtain larger operating distances.



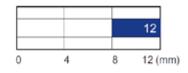


^{*} standard Fiber-optics

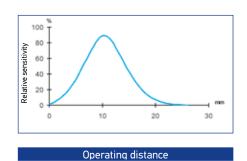




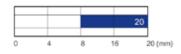
MARK READER (W) WHITE EMISSION



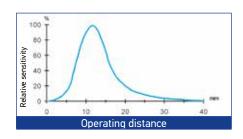
Operating distance



LUMINESCENCE (U) UV EMISSION

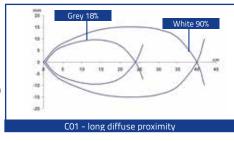


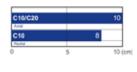
Operating distance

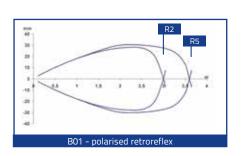


S5N...PK/NK MODELS

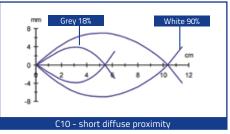




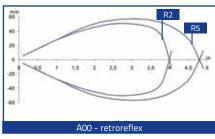




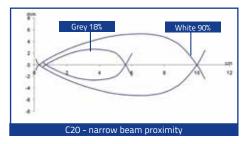


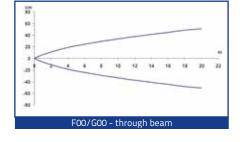








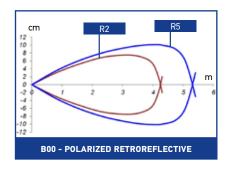


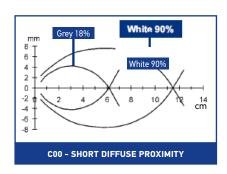


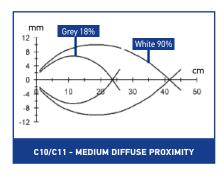
Note: the diagrams indicate the detection area typical of the axial optic versions; the maximum operating distance of the radial optic versions decreases as indicated in the tables given below

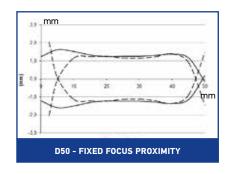
Recommended operating distance Maximum operating distance

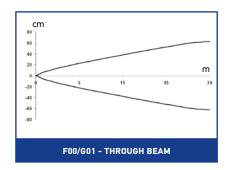
S5N-SA/NA MODELS

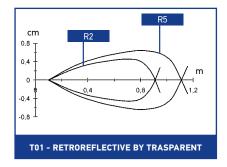


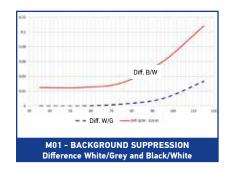












MODEL SELECTION AND ORDER INFORMATION

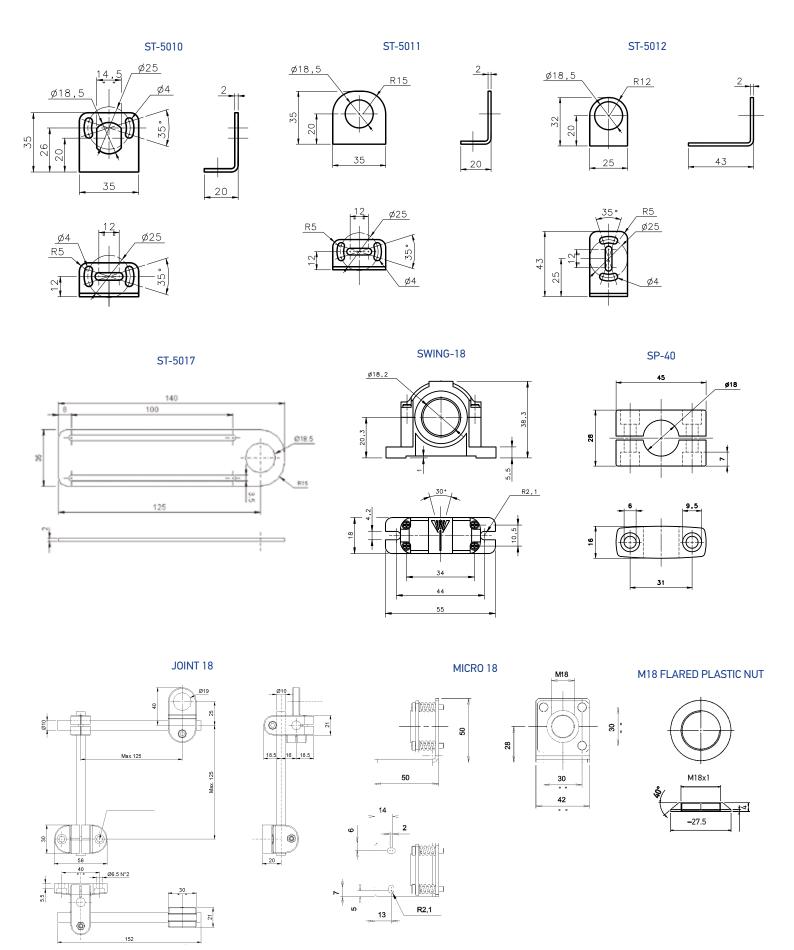
OPTIC FUNCTION	ASTIC HOUSING - NO/NC ST EMISSION	CONNECTION	OUTPUT	MODEL	ORDER
		2m Cable	NPN	S5N-PA-2-A00-NN	9520020
Retroreflective			PNP NPN	S5N-PA-2-A00-PP S5N-PA-5-A00-NN	952002 952002
		M12 Connector	PNP	S5N-PA-5-A00-PP	952002
	LED, Axial optic	2m Cable	NPN	S5N-PA-2-B01-NN	952001
	_	ZIII Gabic	PNP NPN	S5N-PA-2-B01-PP S5N-PA-5-B01-NN	952001 952001
		M12 Connector	PNP	S5N-PA-5-B01-NN S5N-PA-5-B01-PP	952001
			IO-Link	S5N-PA-5-B01-0Z	952002
		2m Cable	NPN	S5N-PR-2-B01-NN	952001
	LED, Radial optic		PNP NPN	S5N-PR-2-B01-PP S5N-PR-5-B01-NN	952001 952001
Polarized retroreflective		M12 Connector	PNP	S5N-PR-5-B01-PP	952001
Polarized retroreflective		2m Cable	NPN	S5N-PL-2-B01-NN	952001
	LASER, Axial optic	2111 00010	PNP NPN	S5N-PL-2-B01-PP S5N-PL-5-B01-NN	952001 952001
	LASEN, Axial optic	M12 Connector	PNP	S5N-PL-5-B01-NN	952001
			IO-Link	S5N-PL-5-B01-0Z	952002
		2m Cable	NPN PNP	S5N-PH-2-B01-NN	952001
	LASER, Radial optic		NPN	S5N-PH-2-B01-PP S5N-PH-5-B01-NN	952001 952001
		M12 Connector	PNP	S5N-PH-5-B01-PP	952001
		2m Cable	NPN	S5N-PA-2-C01-NN	952001
	LED, Axial optic		PNP NPN	S5N-PA-2-C01-PP S5N-PA-5-C01-NN	952001 952001
	ELD, Axial optic	M12 Connector	PNP	S5N-PA-5-C01-PP	952001
			IO-Link	S5N-PA-5-C01-0Z	952002
		2m Cable	NPN PNP	S5N-PR-2-C01-NN S5N-PR-2-C01-PP	952001 952001
	LED, Radial optic		NPN	S5N-PR-5-C01-NN	952001
Long Diffuse proximity		M12 Connector	PNP	S5N-PR-5-C01-PP	952001
Long Diliuse proximity		2m Cable	NPN	S5N-PL-2-C01-NN	952001
	LASER, Axial optic		PNP NPN	S5N-PL-2-C01-PP S5N-PL-5-C01-NN	952001 952001
	LASEN, Axial optic	M12 Connector	PNP	S5N-PL-5-C01-PP	952001
			IO-Link	S5N-PL-5-C01-0Z	952002
		2m Cable	NPN PNP	S5N-PH-2-C01-NN S5N-PH-2-C01-PP	952001 952001
	LASER, Radial optic	14100	NPN	S5N-PH-5-C01-NN	952001
		M12 Connector	PNP	S5N-PH-5-C01-PP	952002
		2m Cable	NPN	S5N-PA-2-C10-NN	952001
	LED, Axial optic		PNP NPN	S5N-PA-2-C10-PP S5N-PA-5-C10-NN	952001 952001
Chart Diffuse provincity		M12 Connector	PNP	S5N-PA-5-C10-PP	952001
Short Diffuse proximity		2m Cable	NPN	S5N-PR-2-C10-NN	952001
	LED, Radial optic		PNP NPN	S5N-PR-2-C10-PP S5N-PR-5-C10-NN	952001 952001
		M12 Connector	PNP	S5N-PR-5-C10-PP	952001
		2m Cable	NPN	S5N-PA-2-C21-NN	952002
Medium Diffuse proximity	_	2111 00010	PNP NPN	S5N-PA-2-C21-PP S5N-PA-5-C21-NN	952002 952002
	155 4 1 1 11	M12 Connector	PNP	S5N-PA-5-C21-PP	952002
	LED, Axial optic	2m Cable	NPN	S5N-PA-2-D00-NN	952001
		Zili Cubic	PNP	S5N-PA-2-D00-PP	952001 952001
		M12 Connector	NPN PNP	S5N-PA-5-D00-NN S5N-PA-5-D00-PP	952001
Fixed focus		2m Cable	NPN	S5N-PR-2-D00-NN	952001
	LED, Radial optic	ZIII Cable	PNP	S5N-PR-2-D00-PP	952001
	, , , , , , , , , , , , , , , , , , , ,	M12 Connector	NPN PNP	S5N-PR-5-D00-NN S5N-PR-5-D00-PP	952001 952001
		2m Cable	NPN	S5N-PA-2-E01-NN	952001
Fiber optic		ZIII Cable	PNP	S5N-PA-2-E01-PP	952001
· · · - F · · ·		M12 Connector	NPN PNP	S5N-PA-5-E01-NN S5N-PA-5-E01-PP	952001 952001
	LED, Axial optic	2m Cahl-	NPN	S5N-PA-2-F01-NN	952001
Through beam receiver		2m Cable	PNP	S5N-PA-2-F01-PP	952001
oagii scaiii icccivci		M12 Connector	NPN	S5N-PA-5-F01-NN	952001
			PNP NPN	S5N-PA-5-F01-PP S5N-PR-2-F01-NN	952001 952001
	LED Padial antic	2m Cable	PNP	S5N-PR-2-F01-PP	952001
	LED, Radial optic	M12 Connector	NPN	S5N-PR-5-F01-NN	952001
			PNP NPN	S5N-PR-5-F01-PP S5N-PL-2-F01-NN	952001 952001
Through h	LACED AI	2m Cable	PNP	S5N-PL-2-F01-NN	952001
Through beam receiver	LASER, Axial optic	M12 Connector	NPN	S5N-PL-5-F01-NN	952001
			PNP	S5N-PL-5-F01-PP	952001 952002
	1.4655 5 11 1	2m Cable	NPN PNP	S5N-PH-2-F01-NN S5N-PH-2-F01-PP	952002
	LASER, Radial optic	M12 Connector	NPN	S5N-PH-5-F01-NN	952002
			PNP	S5N-PH-5-F01-PP	952002
	LED, Axial optic	2m Cable M12 Connector	-	S5N-PA-2-G00-XG S5N-PA-5-G00-XG	952001 952001
	LED D-4:-1 ··	2m Cable	-	S5N-PR-2-G00-XG	952001
Through beam emitter	LED, Radial optic	M12 Connector	-	S5N-PR-5-G00-XG	952001
. An oagh beam childer	LASER, Axial optic	2m Cable	-	S5N-PL-2-G00-XG	952001
		M12 Connector 2m Cable	-	S5N-PL-5-G00-XG S5N-PH-2-G00-XG	952001 952002
	LASER, Radial optic	M12 Connector	_	S5N-PH-5-G00-XG	952002

	ASTIC HOUSING - NO/NC S.	TANDARD OUTPUT & 10-	-LINK MODELS		
		2m Cable	NPN	S5N-PA-2-M03-NN	95200167
		Zm Cable	PNP	S5N-PA-2-M03-PP	95200123
	LED, Axial optic		NPN	S5N-PA-5-M03-NN	95200156
	,	M12 Connector	PNP	S5N-PA-5-M03-PP	95200100
Background suppression			IO-Link	S5N-PA-5-M03-0Z	95200223
3		14100	PNP	S5N-PS-5-M03-PP	95200193
	150 5 1:1 ::	M12 Connector	NPN	S5N-PS-5-M03-NN	95200192
	LED, Radial optic		PNP	S5N-PS-2-M03-PP	95200191
			NPN	S5N-PS-2-M03-NN	95200190
		2m Cable	NPN	S5N-PA-2-T01-NN	95200169
			PNP	S5N-PA-2-T01-PP	95200126
	LED, Axial optic		NPN	S5N-PA-5-T01-NN	95200158
	LLD, Axiat optic	M12 Connector	PNP	S5N-PA-5-T01-PP	95200130
Retroreflective for transparent		MIZ Connector	Q IO -Link	S5N-PA-5-T01-0Z	95200127
itetrorettective for transparent			NPN	S5N-PR-2-T01-NN	95200183
		2m Cable	PNP	S5N-PR-2-T01-PP	95200128
	LED, Radial optic		NPN	S5N-PR-5-T01-NN	95200177
		M12 Connector	PNP		95200177
				S5N-PR-5-T01-PP	
		2m Cable	NPN	S5N-PA-2-U03-NN	95200170
Luminescence			PNP	S5N-PA-2-U03-PP	95200130
241111100001100		M12 Connector	NPN	S5N-PA-5-U03-NN	95200159
		THE CONNECTOR	PNP	S5N-PA-5-U03-PP	95200131
	LED, Axial optic	2m Cable	NPN	S5N-PA-2-W03-NN	95200171
		ZIII Cabic	PNP	S5N-PA-2-W03-PP	95200132
Contrast			NPN	S5N-PA-5-W03-NN	95200160
		M12 Connector	PNP	S5N-PA-5-W03-PP	95200133
			IO-Link	S5N-PA-5-W03-0Z	95200224
	- STANDARD PLASTIC HOU	SING - L/D INPUT MOD			
			NPN	S5N-PA-2-A00-NK	95270107
		2m Cable	PNP	S5N-PA-2-A00-PK	95270100
	LED, Axial optic		NPN	S5N-PA-5-A00-PK	95270100
		M12 Connector			
Retroreflective			PNP	S5N-PA-5-A00-PK	95270126
		2m Cable	NPN	S5N-PR-2-A00-NK	95270120
	LED, Radial optic	2111 00010	PNP	S5N-PR-2-A00-PK	95270113
		M12 Connector	PNP	S5N-PR-5-A00-PK	95270139
			NPN		
		2m Cable		S5N-PA-2-B01-NK	95270108
	LED, Axial optic		PNP	S5N-PA-2-B01-PK	95270101
	,	M12 Connector	NPN	S5N-PA-5-B01-NK	95270134
Polarized retroreflective		THE Confidence	PNP	S5N-PA-5-B01-PK	95270127
		2m Cable	NPN	S5N-PR-2-B01-NK	95270121
	LED, Radial optic	ZIII Cable	PNP	S5N-PR-2-B01-PK	95270114
		M12 Connector	PNP	S5N-PR-5-B01-PK	95270140
			NPN	S5N-PA-2-C01-NK	95270109
		2m Cable	PNP	S5N-PA-2-C01-PK	95270102
	LED, Axial optic		NPN	S5N-PA-5-C01-NK	95270135
Diffuse proximity		M12 Connector	PNP		95270128
Dilluse proximity				S5N-PA-5-C01-PK	
	LED D II L II	2m Cable	NPN	S5N-PR-2-C01-NK	95270122
	LED, Radial optic		PNP	S5N-PR-2-C01-PK	95270115
		M12 Connector	PNP	S5N-PR-5-C01-PK	95270141
		2m Cable	NPN	S5N-PA-2-C10-NK	95270110
	LED, Axial optic	ZIII Cable	PNP	S5N-PA-2-C10-PK	95270103
	LED, Axial optic		NPN	S5N-PA-5-C10-NK	95270136
Short Diffuse proximity		M12 Connector	PNP	S5N-PA-5-C10-PK	95270129
				S5N-PR-2-C10-NK	
. ,			NPN		95270123
. ,	LED Radial ontic	2m Cable	NPN PNP		
. ,	LED, Radial optic		PNP	S5N-PR-2-C10-PK	95270116
. ,	LED, Radial optic	M12 Connector	PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK	9527011 <i>6</i> 95270142
. ,			PNP PNP NPN	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK	95270116 95270142 95270112
	LED, Radial optic	M12 Connector 2m Cable	PNP PNP NPN NPN	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK	95270116 95270142 95270112 95270138
Through beam receiver	LED, Axial optic	M12 Connector	PNP PNP NPN NPN PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK	95270116 95270142 95270112 95270138 95270131
		M12 Connector 2m Cable M12 Connector	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PR-5-F00-PK	95270116 95270142 95270112 95270138 95270131
	LED, Axial optic	M12 Connector 2m Cable	PNP PNP NPN NPN PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK	95270116 95270142 95270112 95270138 95270131 95270144 95200119
	LED, Axial optic	M12 Connector 2m Cable M12 Connector	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PR-5-F00-PK	95270116 95270142 95270112 95270138 95270131 95270144 95200119
	LED, Axial optic LED, Radial optic LED, Axial optic	M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PR-5-F00-PK S5N-PA-2-G00-XG	95270116 95270142 95270112 95270138 95270131 95270144 95200119 95200120
Through beam receiver	LED, Axial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PR-5-F00-PK S5N-PA-2-G00-XG S5N-PA-5-G00-XG S5N-PA-5-G00-XG	95270116 95270142 95270112 95270138 9527013 95270144 95200119 95200120
	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PR-5-F00-PK S5N-PA-2-G00-XG S5N-PA-5-G00-XG S5N-PR-2-G00-XG S5N-PR-2-G00-XG	95270116 95270142 95270113 95270138 95270134 95270144 95200115 95200121 95200121
Through beam receiver	LED, Axial optic LED, Radial optic LED, Axial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-2-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PR-5-F00-PK S5N-PA-2-G00-XG S5N-PA-5-G00-XG S5N-PR-2-G00-XG S5N-PR-5-G00-XG S5N-PR-5-G00-XG	95270116 95270142 95270133 95270133 95270134 95270144 95200115 95200121 95200122 95200142
Through beam receiver	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-5-G00-XG \$5N-PR-5-G00-XG \$5N-PL-2-G00-XG	95270116 95270142 95270133 9527013 9527013 9527014 95200119 9520012 9520012 95200142
Through beam receiver	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-2-G00-XG \$5N-PA-2-G00-XG \$5N-PA-2-G00-XG \$5N-PR-5-G00-XG \$5N-PR-5-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG	95270116 95270142 95270133 95270131 95270134 95270142 95200112 95200122 95200122 95200142 95200143
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector	PNP PNP NPN NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-2-G00-XG \$5N-PA-2-G00-XG \$5N-PR-2-G00-XG \$5N-PR-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PH-2-G00-XG	95270116 95270142 95270133 95270131 95270144 95200112 95200121 95200122 95200122 95200143 95200143
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LED, Radial optic LASER, Axial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector	PNP PNP NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-5-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG	95270116 95270142 95270133 95270131 95270131 95270144 95200119 95200122 95200122 95200142 95200143 95200206 95200207
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector	PNP PNP NPN PNP PNP NPN PDELS (S5N-SA	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-5-G00-XG \$5N-PR-5-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-5-G00-XG	95270116 95270142 95270133 9527013 9527013 95270142 95200121 95200122 95200142 95200142 95200202 95200202
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP PNP NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-5-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG	95270116 95270142 95270131 95270131 95270131 95270142 95200122 95200122 95200143 95200143 95200207
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector	PNP PNP NPN PNP PNP NPN PDELS (S5N-SA	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-5-G00-XG \$5N-PR-5-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-5-G00-XG	95270116 95270142 95270131 95270131 95270131 95270142 95200122 95200122 95200143 95200143 95200207
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M15 Connector M16 Connector M17 Connector M17 Connector M18 Connector M19 Tail M11	PNP PNP NPN NPN PNP PNP NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-2-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-2-G00-XG \$5N-PA-2-G00-XG \$5N-PR-2-G00-XG \$5N-PR-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-5-G00-XG \$5N-PH-5-G00-XG	95270116 95270142 95270131 95270131 95270131 95270144 95200112 95200122 95200123 95200123 95200143 95200207 95200207
Through beam receiver Through beam emitter SS Polarized retroreflective	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable	PNP PNP NPN NPN PNP NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-2-G00-XG \$5N-PA-2-G00-XG \$5N-PR-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-3-G00-XG \$5N-PH-3-G00-XG \$5N-PH-3-G00-XG \$5N-PH-3-G00-XG \$5N-SA-2-B00-PK \$5N-SA-2-B00-PK	95270116 95270142 95270133 95270133 95270134 95270134 95200112 95200122 95200122 95200142 95200142 95200203 95200203
Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M15 Connector M16 Connector M17 Connector M17 Connector M18 Connector M19 Tail M11	PNP PNP NPN NPN PNP PNP NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-5-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-5-G00-XG \$5N-PH-2-B00-XG \$5N-PH-2-B00-XG \$5N-PH-2-B00-XG \$5N-PH-2-B00-XG \$5N-PH-2-B00-XG \$5N-PH-2-B00-XG \$5N-PH-2-B00-XG \$5N-SA-2-B00-PK \$5N-SA-2-B00-PK \$5N-SA-2-C00-PK	95270116 95270142 95270133 95270133 95270134 95270144 95200112 95200122 95200123 95200144 95200205 95200205 95200205 95200205
Through beam receiver Through beam emitter SE Polarized retroreflective Diffuse proximity	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M15 Connector M16 Connector M17 Connector M17 Connector M18 Connector M19 Tail M11	PNP PNP NPN NPN PNP PNP	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-5-F00-NK \$5N-PA-5-F00-NK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PR-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-5-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-2-G00-XG \$5N-PH-5-G00-XG \$5N-PH-5-G00-XG \$5N-SA-2-B00-PK \$5N-SA-2-B00-PK \$5N-SA-2-C00-PK \$5N-SA-2-C00-PK	95270116 95270142 95270133 95270133 95270134 95270144 95200115 95200122 95200122 95200142 95200207 95200207 95230100 95230100 95230100 95230100 95230100 95230100 95230100 95230100 95230100
Through beam receiver Through beam emitter SE Polarized retroreflective Diffuse proximity Short Diffuse proximity	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable Pig Tail M12 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-5-C10-PK S5N-PA-5-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PR-2-G00-XG S5N-PR-2-G00-XG S5N-PL-2-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PH-2-G00-XG S5N-PH-2-G00-XG S5N-PH-2-G00-XG S5N-PH-2-G00-XG S5N-SA-2-B00-NK S5N-SA-2-B00-PK S5N-SA-2-B00-PK S5N-SA-2-C00-PK S5N-SA-2-C00-PK S5N-SA-3-C00-PK	95270116 95270142 95270133 95270133 95270134 95270134 95200115 95200122 95200122 95200142 95200143 95200207 95230101 95230101 95230101 95230102 95230103 95230103 95230103
Through beam receiver Through beam emitter SE Polarized retroreflective Diffuse proximity Short Diffuse proximity Fixed Focus	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M15 Connector M16 Connector M17 Connector M17 Connector M18 Connector M19 Tail M11	PNP PNP NPN NPN PNP PNP DDELS (S5N-S) NPN PNP PNP PNP PNP PNP PNP PNP PNP PN	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-5-C10-PK S5N-PA-5-F00-NK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PH-2-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PH-2-G00-XG S5N-PH-2-G00-XG S5N-PH-2-G00-XG S5N-PH-2-G00-XG S5N-SA-2-C00-XG S5N-SA-2-C00-PK S5N-SA-3-B00-PK S5N-SA-3-C00-PK S5N-SA-3-C10-PK S5N-SA-3-C10-PK	95270116 95270142 95270143 95270133 95270134 95270144 95200125 95200122 95200124 95200142 95200143 95200207 95230100 95230101 95230101 95230101 95230101 95230101 95230101
Through beam receiver Through beam emitter Polarized retroreflective Diffuse proximity Short Diffuse proximity Fixed Focus Through beam receiver	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable Pig Tail M12 2m Cable	PNP PNP NPN PNP PNP DDELS (S5N-S) NPN PNP PNP PNP PNP PNP PNP PNP PNP PN	\$5N-PR-2-C10-PK \$5N-PR-5-C10-PK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-F00-PK \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PA-5-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-2-G00-XG \$5N-PL-5-G00-XG \$5N-PL-5-G00-XG \$5N-PH-5-G00-XG \$5N-PH-5-G00-XG \$5N-PH-5-G00-XG \$5N-SA-2-B00-PK \$5N-SA-2-C00-PK \$5N-SA-3-C10-PK \$5N-SA-3-C10-PK \$5N-SA-3-C10-PK \$5N-SA-3-F00-PK	95270116 95270142 95270142 95270131 95270131 95270142 95200120 95200122 95200142 95200142 95200143 95230100 95230100 95230100 95230100 95230112 95230112 95230112
Through beam receiver Through beam emitter SE Polarized retroreflective Diffuse proximity Short Diffuse proximity Fixed Focus	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable Pig Tail M12 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-5-F00-PK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PA-5-F00-PK S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PR-5-G00-XG S5N-PR-5-G00-XG S5N-PR-5-G00-XG S5N-PL-2-G00-XG S5N-PL-2-G00-XG S5N-PL-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-SA-2-B00-PK S5N-SA-3-B00-PK S5N-SA-3-C00-PK S5N-SA-3-C00-PK S5N-SA-3-C00-PK S5N-SA-3-C00-PK S5N-SA-3-F00-PK S5N-SA-3-F00-PK S5N-SA-3-F00-PK	95270116 95270142 95270142 95270131 95270131 95270144 95200119 95200120 95200120 95200120 95200143 95200207 95230100 95230101 95230102 95230103 95230103 95230112 95230112 95230112
Through beam receiver Through beam emitter SS Polarized retroreflective Diffuse proximity Short Diffuse proximity Fixed Focus Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable Pig Tail M12 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-5-F00-PK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PA-5-F00-PK S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PR-2-G00-XG S5N-PR-2-G00-XG S5N-PR-2-G00-XG S5N-PL-3-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-SA-2-B00-NK S5N-SA-2-C00-PK S5N-SA-3-C00-PK	95270116 95270142 95270142 95270131 95270131 95270144 95200119 95200120 95200120 95200120 95200120 95200142 95200142 95200142 95200100 95230100 95230100 95230112 95230112 95230112 95230112 95230112 95230112
Through beam receiver Through beam emitter Polarized retroreflective Diffuse proximity Short Diffuse proximity Fixed Focus Through beam receiver	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector JSING - L/D INPUT MO 2m Cable Pig Tail M12 2m Cable Pig Tail M12	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-5-F00-PK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PA-5-F00-PK S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PR-5-G00-XG S5N-PR-5-G00-XG S5N-PR-5-G00-XG S5N-PL-2-G00-XG S5N-PL-2-G00-XG S5N-PL-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-SA-2-B00-PK S5N-SA-3-B00-PK S5N-SA-3-C00-PK S5N-SA-3-C00-PK S5N-SA-3-C00-PK S5N-SA-3-C00-PK S5N-SA-3-F00-PK S5N-SA-3-F00-PK S5N-SA-3-F00-PK	95270116 95270142 95270142 95270131 95270131 95270142 95200120 95200120 95200120 95200120 95200143 95200200 95230100 95230100 95230100 95230112 95230112 95230112 95230112 95230112 95230112
Through beam receiver Through beam emitter SS Polarized retroreflective Diffuse proximity Short Diffuse proximity Fixed Focus Through beam receiver Through beam emitter	LED, Axial optic LED, Radial optic LED, Axial optic LED, Radial optic LASER, Axial optic LASER, Radial optic LASER, Radial optic	M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable M12 Connector 2m Cable Pig Tail M12 2m Cable	PNP PNP NPN NPN PNP PNP	S5N-PR-2-C10-PK S5N-PR-5-C10-PK S5N-PA-5-F00-PK S5N-PA-5-F00-NK S5N-PA-5-F00-PK S5N-PA-5-F00-PK S5N-PA-5-G00-XG S5N-PA-5-G00-XG S5N-PR-2-G00-XG S5N-PR-2-G00-XG S5N-PR-2-G00-XG S5N-PL-3-G00-XG S5N-PL-5-G00-XG S5N-PL-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-PH-5-G00-XG S5N-SA-2-B00-NK S5N-SA-2-C00-PK S5N-SA-3-C00-PK	95270123 95270116 95270116 95270118 95270131 95270131 95270144 95200120 95200122 95200122 95200122 95200122 95200143 95200122 95200120 95230104 95230101 95230102 95230102 95230103 95230113 95230114 952301154 952301154 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157 952301157

	HOUSING - NO/NC STAND		NPN	S5N-MA-2-A00-NN	9520220
		2m Cable	PNP	S5N-MA-2-A00-PP	9520220
Retroreflective			NPN	S5N-MA-5-A00-NN	9520220
		M12 Connector	PNP	S5N-MA-5-A00-PP	9520221
	LED, Axial optic		NPN	S5N-MA-2-B01-NN	9520221
	LLD, ANIGI OPTIC	2m Cable	PNP	S5N-MA-2-B01-PP	9520210
			NPN	S5N-MA-5-B01-NN	9520216
		M12 Connector	PNP	S5N-MA-5-B01-PP	9520212
		MIZ Connector	⊘ IO -Link	S5N-MA-5-B01-0Z	9520221
			NPN	S5N-MR-2-B01-NN	9520216
		2m Cable	PNP	S5N-MR-2-B01-PP	9520211
	LED, Radial optic		NPN	S5N-MR-5-B01-NN	9520217
		M12 Connector	PNP	S5N-MR-5-B01-PP	9520217
Polarized retroreflective			NPN		9520218
		2m Cable	PNP	S5N-ML-2-B01-NN	9520216
	LASED Avial antia		NPN	S5N-ML-2-B01-PP	9520214
	LASER, Axial optic	M12 Connector	PNP	S5N-ML-5-B01-NN	9520216
		M12 Connector	● IO -Link	S5N-ML-5-B01-PP	9520214
				S5N-ML-5-B01-0Z	
		2m Cable	NPN	S5N-MH-2-B01-NN	9520219
	LASER, Radial optic		PNP	S5N-MH-2-B01-PP	9520219
		M12 Connector	NPN	S5N-MH-5-B01-NN	9520219
			PNP	S5N-MH-5-B01-PP	9520219
		2m Cable	NPN	S5N-MA-2-C01-NN	9520215
			PNP	S5N-MA-2-C01-PP	9520210
	LED, Axial optic		NPN	S5N-MA-5-C01-NN	95202167
		M12 Connector	PNP	S5N-MA-5-C01-PP	9520212
			⊘ IO -Link	S5N-MA-5-C01-0Z	9520222
		2m Cable	NPN	S5N-MR-2-C01-NN	9520216
	LED, Radial optic	2 55.516	PNP	S5N-MR-2-C01-PP	9520211
	, reduce optic	M12 Connector	NPN	S5N-MR-5-C01-NN	9520217
Long Diffuse proximity		FITZ CONNECTOR	PNP	S5N-MR-5-C01-PP	9520213
Long Dinuse proximity		2m Cable	NPN	S5N-ML-2-C01-NN	9520218
		ZIII Canle	PNP	S5N-ML-2-C01-PP	9520214
	LASER, Axial optic		NPN	S5N-ML-5-C01-NN	9520218
		M12 Connector	PNP	S5N-ML-5-C01-PP	9520214
			IO-Link	S5N-ML-5-C01-0Z	9520221
		2m Cable	NPN	S5N-MH-2-C01-NN	9520219
	LASED Padial antic	ZIII Cable	PNP	S5N-MH-2-C01-PP	9520219
	LASER, Radial optic	M12 Connector	NPN	S5N-MH-5-C01-NN	9520220
		M12 Connector	PNP	S5N-MH-5-C01-PP	9520220
		2 0.11	NPN	S5N-MA-2-C10-NN	9520215
	LEE	2m Cable	PNP	S5N-MA-2-C10-PP	9520210
	LED, Axial optic	1410.0	NPN	S5N-MA-5-C10-NN	9520216
		M12 Connector	PNP	S5N-MA-5-C10-PP	9520212
Short Diffuse proximity			NPN	S5N-MR-2-C10-NN	9520216
		2m Cable	PNP	S5N-MR-2-C10-PP	9520214
	LED, Radial optic	1410.0	NPN	S5N-MR-5-C10-NN	9520217
		M12 Connector	PNP	S5N-MR-5-C10-PP	9520214
		0 0 11	NPN	S5N-MA-2-C21-NN	95202213
		2m Cable	PNP	S5N-MA-2-C21-PP	9520221
Medium Diffuse proximity			NPN	S5N-MA-5-C21-NN	9520221
		M12 Connector	PNP	S5N-MA-5-C21-PP	9520221
	LED, Axial optic		NPN	S5N-MA-2-D00-NN	9520215
		2m Cable	PNP	S5N-MA-2-D00-PP	9520210
			NPN	S5N-MA-5-D00-PP	9520216
		M12 Connector	PNP	S5N-MA-5-D00-PP	9520216
Fixed focus			NPN	S5N-MR-2-D00-PP	9520212
		2m Cable	PNP	S5N-MR-2-D00-PP	9520216
	LED, Radial optic		NPN	S5N-MR-2-D00-PP	9520217
	,	M12 Connector	PNP	S5N-MR-5-D00-PP	9520217
			NPN	S5N-MA-2-E01-NN	9520218
		2m Cable	PNP	S5N-MA-2-E01-NN S5N-MA-2-E01-PP	9520218
Fiber optic					
		M12 Connector	NPN	S5N-MA-5-E01-NN	9520218
	LED, Axial optic		PNP	S5N-MA-5-E01-PP	9520212
		2m Cable	NPN	S5N-MA-2-F01-NN	95202154
		Ziii Gabic	PNP	S5N-MA-2-F01-PP	9520210
		M12 Connector	NPN	S5N-MA-5-F01-NN	9520217
			PNP	S5N-MA-5-F01-PP	9520212
		2m Cable	NPN	S5N-MR-2-F01-NN	9520216
	LED, Radial optic		PNP	S5N-MR-2-F01-PP	9520211
	,	M12 Connector	NPN	S5N-MR-5-F01-NN	9520218
Through beam receiver		2 5556101	PNP	S5N-MR-5-F01-PP	9520213
Jagii Bealli (CCCIVE)		2m Cable	NPN	S5N-ML-2-F01-NN	9520218
	LASER, Axial optic	ZIII Gable	PNP	S5N-ML-2-F01-PP	9520214
	LAGEN, ANIAL OPTIC	M12 Connector	NPN	S5N-ML-5-F01-NN	9520218
		-112 CONNECTOR	PNP	S5N-ML-5-F01-PP	9520214
		2m Cable	NPN	S5N-MH-2-F01-NN	9520220
	LASER Radial ontic	ZIII Cable	PNP	S5N-MH-2-F01-PP	9520220
	LASER, Radial optic		NPN	S5N-MH-5-F01-NN	9520220
		M12 Connector			

		2m Cable	_	S5N-MA-2-G00-XG	9520210
	LED, Axial optic	M12 Connector	_	S5N-MA-5-G00-XG	9520212
Through beam emitter		2m Cable	_	S5N-MR-2-G00-XG	9520211
	LED, Radial optic	M12 Connector	_	S5N-MR-5-G00-XG	9520213
		2m Cable	_	S5N-ML-2-G00-XG	9520214
	LASER, Axial optic	M12 Connector		S5N-ML-5-G00-XG	9520214
		2m Cable	_	S5N-MH-2-G00-XG	9520220
	LASER, Radial optic	M12 Connector	-	S5N-MH-5-G00-XG	9520220
			NPN	S5N-MA-2-M03-NN	9520215
Background suppression		2m Cable	PNP	S5N-MA-2-M03-PP	9520210
	LED, Axial optic		PNP	S5N-MA-5-M03-PP	9520212
		M12 Connector	IO-Link	S5N-MA-5-M03-0Z	9520221
Background suppression			PNP	S5N-MS-5-M03-PP	9520219
	LED, Radial optic		PNP	S5N-MS-2-M03-PP	9520219
		2m Cable	NPN	S5N-MA-2-T01-NN	9520215
			PNP	S5N-MA-2-T01-PP	9520210
	LED, Axial optic		NPN	S5N-MA-5-T01-NN	9520217
		M12 Connector	PNP	S5N-MA-5-T01-PP	9520212
Retroreflective for transparent			NPN	S5N-MR-2-T01-NN	9520216
		2m Cable	PNP	S5N-MR-2-T01-PP	9520211
	LED, Radial optic		NPN	S5N-MR-5-T01-NN	9520218
		M12 Connector	PNP	S5N-MR-5-T01-PP	9520213
Luminescence		M12 Connector	PNP	S5N-MA-5-U03-PP	9520213
Eurinieseeriee		2m Cable	PNP	S5N-MA-2-W03-PP	9520211
Contrast	LED, Axial optic		NPN	S5N-MA-5-W03-NN	9520217
Contrast		M12 Connector	PNP	S5N-MA-5-W03-PP	9520217
		D INPUT MODELS MODEL			7320213
ווככ	- METAL HOUSING - L/	D IMPOT MODELS MODEL			05070100
Retroreflective		M12 Connector	NPN	S5N-MA-5-A00-NK	952701802
			PNP NPN	S5N-MA-5-A00-PK S5N-MA-5-B01-NK	952701532 952701812
Polarized retroreflective			PNP	S5N-MA-5-B01-PK	952701762
			NPN	S5N-MA-2-C01-NK	952701622
		2m Cable	PNP	S5N-MA-2-C01-PK	952701562
	LED Assistantia	M12 Connector	NPN	S5N-MA-5-C01-NK	952701822
D:#	LED, Axial optic		PNP	S5N-MA-5-C01-PK	952701772
Diffuse proximity		2m Cable	NPN	S5N-MA-2-C10-NK	952701632
		ZIII Cable	PNP	S5N-MA-2-C10-PK	952701572
		M12 Connector	NPN	S5N-MA-5-C10-NK	952701832
			PNP	S5N-MA-5-C10-PK	952701522
Through beam receiver			NPN	S5N-MA-5-F00-NK	952701842
			PNP	S5N-MA-5-F00-PK	952701782
	LED, Axial optic	2m Cable	-	S5N-MA-2-G00-XG	95202106
	LLD, Axial Optic	M12 Connector	_	S5N-MA-5-G00-XG	95202126
		2m Cable	_	S5N-MR-2-G00-XG	95202118
	LED, Radial optic	M12 Connector	_	S5N-MR-5-G00-XG	95202138
Through beam emitter			_		
	LED, Axial optic	2m Cable	-	S5N-ML-2-G00-XG	952021431
	,	M12 Connector		S5N-ML-5-G00-XG	952021471
	LED, Radial optic	2m Cable	_	S5N-MH-2-G00-XG	952022061
	LED, Radial optic	M12 Connector	_	S5N-MH-5-G00-XG	95202207
	S5N - INOX HOUSING -	L/D INPUT MODELS MOD	ELS (S5N-NA		
Dirit of the control			NPN	S5N-NA-5-B01-NK	952301461
Polarized retroreflective			PNP	S5N-NA-5-B01-PK	952301381
Diffuse proximity Inox			NPN	S5N-NA-5-C11-NK	952301481
Diliuse proximity illux			PNP	S5N-NA-5-C11-PK	95230140
Through beam receiver Inox			NPN	S5N-NA-5-F01-NK	95230151
	LED, Axial optic	M12 Connector	PNP	S5N-NA-5-F01-PK	95230143
Through beam emitter inox			-	S5N-NA-5-G01-XG	95230144
Background suppression inox			NPN	S5N-NA-5-M01-NK	952301501
3 11	-		PNP	S5N-NA-5-M01-PK	952301421
etroreflective for transparent inox			NPN	S5N-NA-5-T01-NK	952301471

ACCESSORIES



mm

MODEL	DESCRIPTION	ORDER No.
ST-5010	M18/14 mounting bracket	95ACC5230
ST-5011	M18 mounting bracket short	95ACC5240
ST-5012	M18 mounting bracket long	95ACC5250
ST-5017	M18 mounting bracket	95ACC5270
S50 EASY -IN	M18/14 EASY in™ adjustable mounting support	95ACC 5300
JOINT -18	M18 jointed support	95ACC 5220
MICRO -18	support with micrometric regulation for tubular M18 sensors	95ACC 1380
SP-40	mounting bracket tubular	95ACC1370
SWING-18	adjustable support for M18 tubular sensors	895000006
PLASTIC NUT	flared mounting nut	95ACC2630
M18 FLARED NUT	S5N mounting nut M18 flared nut (1 pc)	95ACC2630
M18 METAL NUT	S5N mounting nut M18 nut (1 pc)	G602000017
M18 PLASTIC NUT KIT	S5N mounting nut M18 nuts kit (100 pcs)	G602000008
MEK -PROOF	front protection (only for metal models)	G5000001

IO-LINK CONNECTIVITY

MODEL	DESCRIPTION	ORDER No.
CBX-8IOL-EIP	CBX-8IOL-EIP 8P IOL M12 EIP MASTER	95ACC8180
CBX-8IOL-PNIO	CBX-8IOL-PNIO 8P IOL M12 PROFINET MASTER	95ACC8190

CABLES

	DESCRIPTION		MODEL	ORDER No.
Axial M12 Connector		3 m	CS-A1-02-G-03	95A251380
	/ mala mmay DVC	5 m	CS-A1-02-G-05	95A251270
	4-pole, grey, P.V.C.	7 m	CS-A1-02-G-07	95A251280
		10 m	CS-A1-02-G-10	95A251390
	/	2 m	CS-A1-02-R-02	95A251540
	4-pole, P.U.R.	5 m	CS-A1-02-R-05	95A251560
		3 m	CS-A2-02-G-03	95A251360
	/ DV C	5 m	CS-A2-02-G-05	95A251240
Radial M12 Connector	4-pole, grey, P.V.C.	7 m	CS-A2-02-G-07	95A251245
Radial M12 Connector		10 m	CS-A2-02-G-10	95A251260
	/I- DUD	2 m	CS-A2-02-R-02	95A251550
	4-pole, P.U.R.	5 m	CS-A2-02-R-05	95A251570
		3 m	CS-A2-12-G-03	95A251400
Radial M12 Connector with LED (for PNP N.O. sensors)	4-pole, grey, P.V.C.	5 m	CS-A2-12-G-05	95A251350
(IOI PINP N.O. SEIISOIS)		10 m	CS-A2-12-G-10	95A251370
		3 m	CV-A1-22-B-03	95ACC1480
		5 m	CV-A1-22-B-05	95ACC1490
Axial M12 Connector	4-pole, shielded, black, P.V.C.	10 m	CV-A1-22-B-10	95ACC1500
	F.V.C.	15 m	CV-A1-22-B-15	95ACC2070
		25 m	CV-A1-22-B-25	95ACC2090
		3 m	CV-A2-22-B-03	95ACC1540
Radial M12 Connector	4-pole, shielded, black, P.V.C.	5 m	CV-A2-22-B-05	95ACC1550
	F.V.C.	10 m	CV-A2-22-B-10	95ACC1560
		3 m	CS-A1-02-U-03	95ASE1120
		5 m	CS-A1-02-U-05	95ASE1130
A 1 M12 C	4-pole, U.L., black, P.V.C.	10 m	CS-A1-02-U-10	95ASE1140
Axial M12 Connector		15 m	CS-A1-02-U-15	95ASE1150
		25 m	CS-A1-02-U-25	95ASE1160
	4-pole, black	Connector- not cabled	CS-A1-02-B-NC	G5085002
Radial M12 Connector	4-pole, black	Connector- not cabled	CS-A2-02-B-NC	G5085003
Axial M12 Connector	5-pole, L coded power cable	3 m	CS-M1-02-B-03	95ACC0007
Axial M12 F/M12 M Connector	4-pole, double headed	3 m	CS-I1-02-B-03	95ACC0009

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