ODATALOGIC





S50/S51

Extended range of standard "One for All" photoelectric tubular M18 sensors

- All optic functions and LASER models
- M18 flat plastic with universal mounting
- Available in M18 metal housing
- Axial or radial optics, cable or connector
- Standard 4-wire NO-NC NPN or PNP output





APPLICATIONS

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



























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(*) Axial models. ΔΤΕΧ ΤΙ 3DG

S50/S51		ATEX II :
		020 m
Through beam		060 m (class 1 LASER) (S50)
Retroreflective (on R2 reflector)		0,14 m
Polarized retroreflective		0,14 m (S50) 0,13 m (S51)
Polarized retroreflective		0,116 m (class 1 LASER) (S50)
Retroreflective for transparent (on R2 reflector)		0,11,3 m (S50)
		short distance 0100 mm
Diffuse proximity		medium distance 0400 mm (S50) 0450 mm (S51)
		long distance 0700 mm
		long distance LASER 0350 mm
Fixed focus		100 mm (S50)
Background suppression		50100 mm (S50)
Through beam with fiber optic		0100 mm (S50)
Diffuse proximity with fiber optic		030 mm (S50)
Contrast sensor		10 ±2 mm
Luminescence sensor		020 mm
	Vdc	1030 V
Power supply	Vac	
	Vac/dc	
	PNP	•
	NPN	•
Dutput	NPN/PNP	
	relay other	
	cable	
Connection	connector	
Sincelon	pig-tail	
Approximate dimensions (mm)	L.9 ca	M18x 55/68
Housing material		PBT, nickel plated brass
Mechanical protection		IP67



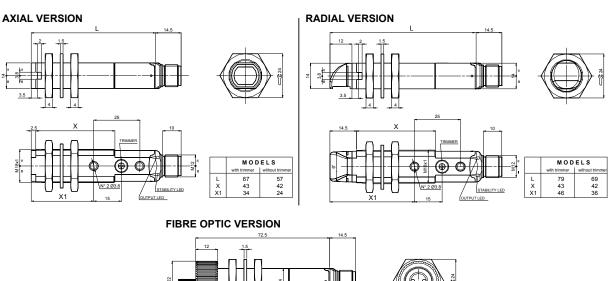
	TECHNICAL DATA
Power supply	10 30 Vdc (limit values)
Ripple	2 Vpp max.
	35 mA max. (mod. S50A00/B01/C01/C10/C21/D00/E01/T01)
Consumption (output current excluded)	30 mA max. (mod. S50F01/M03, S51A00/B01/C01/C10/C20/F00)
	25 mA max. (mod. S50W03/U03)
	red LED 630 nm (mod. S50D00/E01, S50-PA/MAM03)
	red LED 660 nm (mod. S50B01/T01, S51B01)
	red LED 670 nm (mod. S50-PS/MSM03)
Light emission	IR LED 880 nm (mod. S50/51A00/C01/C10/C20/C21/G00)
Ğ	white LED 400-700 nm (mod. S50W03)
	UV LED 370 nm (mod. S50U03)
	red Laser 650 nm (mod. S50G00/F01/B01/C01)
	sensivity trimmer (mod. B01/C01/C21/E01/F01/T01)
Setting	teach-in push-button (mod. M03/W03/U03)
	LIGHT mode on N.O. output / DARK mode on N.C. output (mod.S50C01/C10/C21/D00/M03/U03)
	DARK mode on N.O. output / LIGHT mode on N.C. output (mod.S50A00/B01/E01/F01/T01/W03)
Operating mode	white wire or pin 2 connected to +1030V LIGHT mode/ to 0V DARK mode (mod. S51)
	white wire or pin 2 not connected LIGHT mode (mod. S51C01/C10/C20)/ DARK mode
	(mod. S51A00/B01/F00)
Indicators	yellow OUTPUT LED (S50, S51, excl. mod. G00)
Indicators	green STABILITY LED (mod. S50B01/C01/C21/E01/F01), POWER LED (mod. S50G00, S51)
	green/red READY/ERROR LED (mod. S50M03/W03/U03)
Output	PNP or NPN; NO; NC (mod. S50)
Output current	100 mA max.
Saturation voltage	2 V max.
	0,5 ms (mod. S50A00/B01/T01/C10/C21/C01/D00/E01/U03)
	2 ms (mod. S50F01/G00) 1 ms (mod. S50M03, S51A00/B01/C01/C10/G00)
Response time	4 ms (mod. 551F00)
	4 His (Hidd. 351P00) 100 μs (mod. S50W03)
	333 μs (Laser mod. S50)
	1 kHz (mod. S50A00/B01/T01/C10/C21/C01/D00/E01/U03)
	250 Hz (mod. 550F01/G00)
	500 Hz (mod. 550M03, S51A00/B01/C01/C10/G00)
Switching frequency	120 Hz (mod. S51F00)
	5 kHz (mod. 5511 00)
	1,5 kHz (Laser mod. S50)
Connection	2 m cable Ø 4 mm, 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
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)
	Plastic version PBT
Housing material	Metal version nickel plated brass
Lens material	PMMA
0	-25 55 °C
Operating temperature	(Laser mod.) -10 50 °C
Storage temperature	-25 70 °C
Mr.:-La	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. (125 g max. mod. M03), 60 g max. conn. vers. (75 g max. mod. M03)



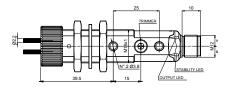
S50

DIMENSIONS

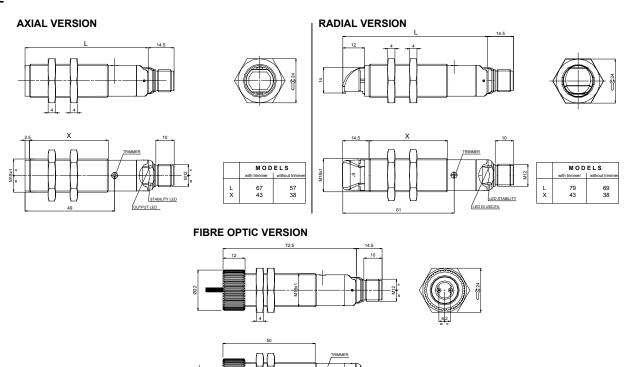
PLASTIC





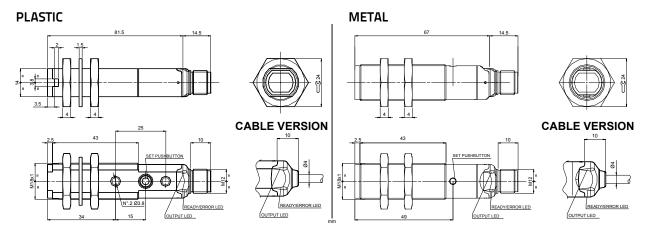


METAL

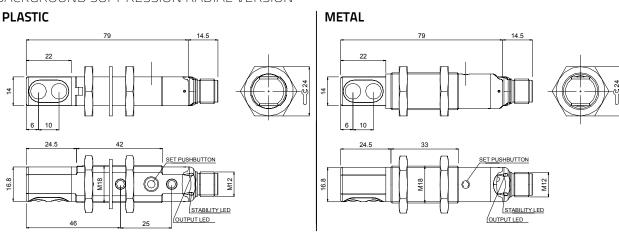


ODATALOGIC

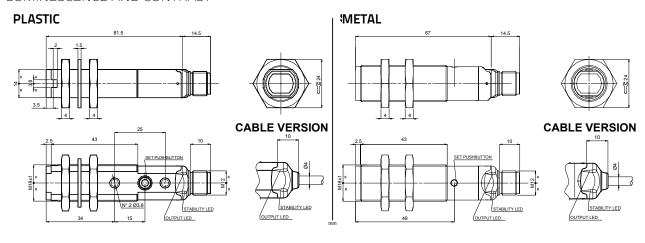
BACKGROUND SUPPRESSION AXIAL VERSION



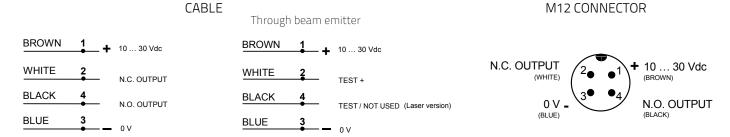
BACKGROUND SUPPRESSION RADIAL VERSION



LUMINESCENCE AND CONTRAST



CONNECTIONS

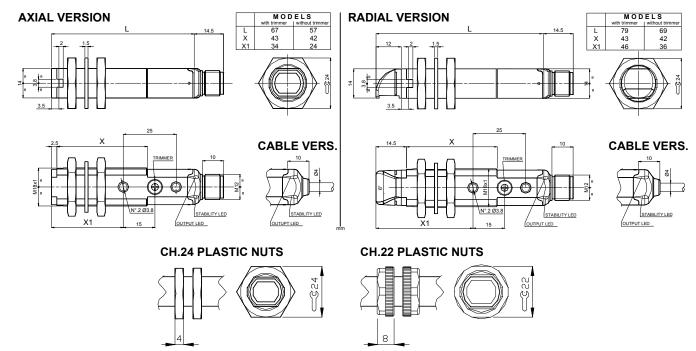


ODATALOGIC

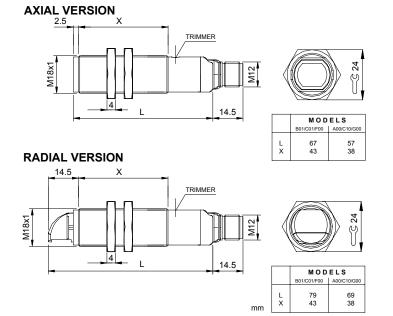
S51

DIMENSIONS

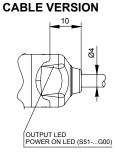
PLASTIC



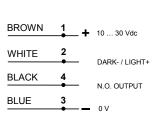
METAL



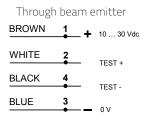
OADI E VEDOLONI



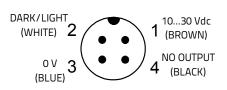
CONNECTIONS



CABLE



M12 CONNECTOR





S50/S51

INDICATORS AND SETTINGS

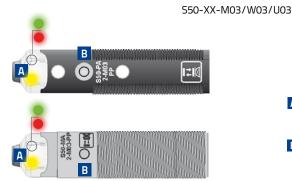
S50-XX...A00/B01/C01/C21/E01/F01/T01 S51-XX...B01/C01





- 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.

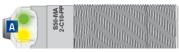


- OUTPUT status LED Yellow READY LED Green ERROR LED Red
- B Teach-in push-button

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

S50-XX-C10 S51-XX-A00/C10/C20/F00/G00





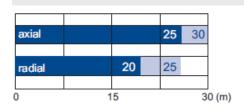
A00/C10/C20/F00

OUTPUT status LED Yellow
STABILITY LED green

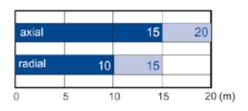
G00 OUTPUT status LED yellow (Only Emitter G00)

ODATALOGIC

S50 DETECTION DIAGRAMS

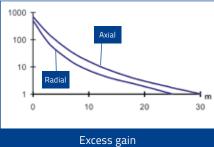


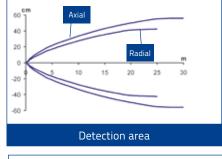
Recommended operating distance Maximum operating distance

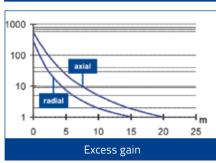


Recommended operating distance Maximum operating distance

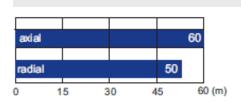
G/F INFRARED EMISSION





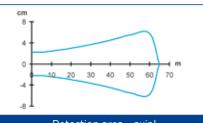


12 8 0 20 25 -8 12 Detection area

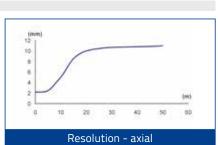


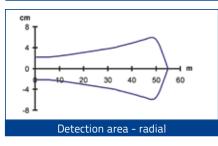
Operating distance

G/F LASER RED EMISSION

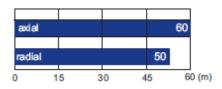


Detection area - axial

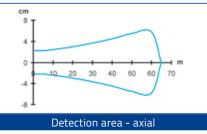




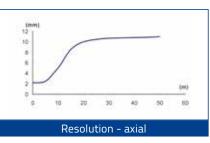
Resolution - radial

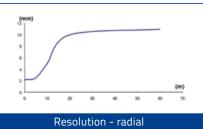


Operating distance

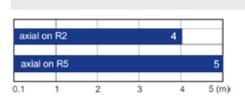


Detection area - radial



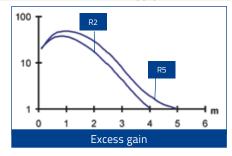


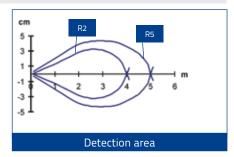
ODATALOGIC



Operating distance

A INFRARED EMISSION



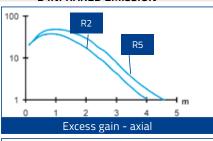


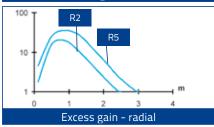


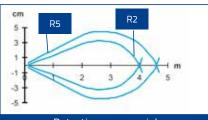
Recommended operating distance
Maximum operating distance

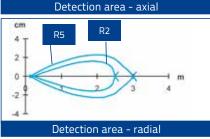
High efficiency reflectors can be used to obtain larger operating distances. Refer to **Reflectors** (A.01).

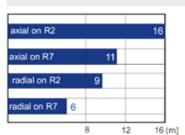
B INFRARED EMISSION







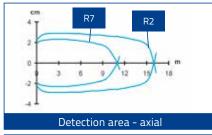


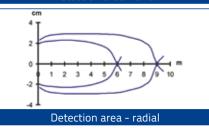


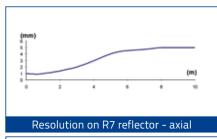
Operating distance

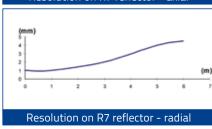
High efficiency reflectors can be used to obtain larger operating distances. Refer to **Reflectors** (A.01).

B LASER RED EMISSION







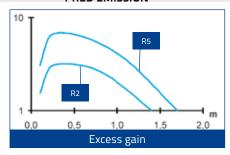


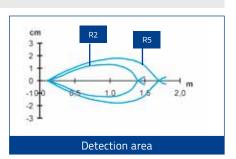




Recommended operating distance
Maximum operating distance

T RED EMISSION





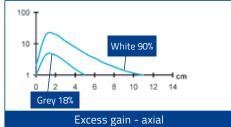
High efficiency reflectors can be used to obtain larger operating distances. Refer to Reflectors.

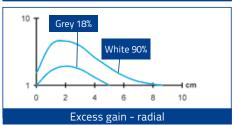
ODATALOGIC

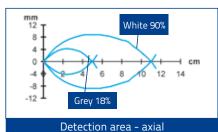


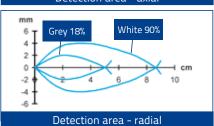
Recommended operating distance
Maximum operating distance

C SHORT INFRARED EMISSION





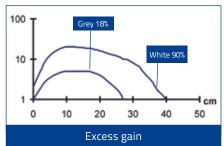


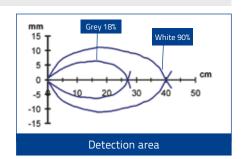


C MID INFRARED EMISSION

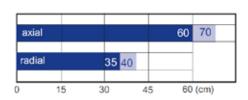


Recommended operating distance
Maximum operating distance

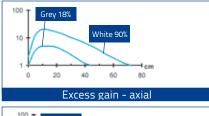


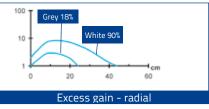


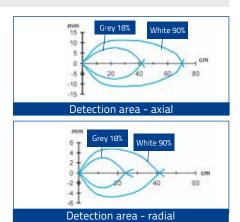
C LONG INFRARED EMISSION



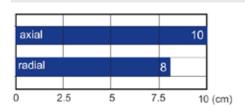
Recommended operating distance
Maximum operating distance



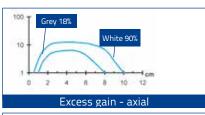


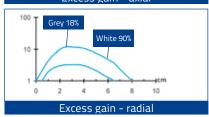


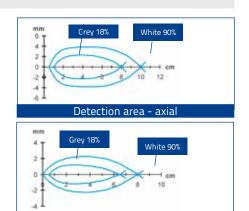
D RED EMISSION



Operating distance

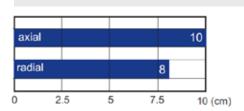






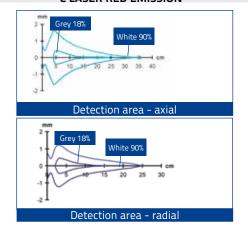
Detection area - radial

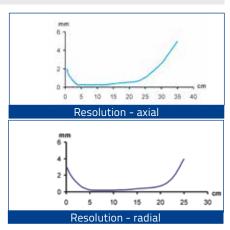
ODATALOGIC



Operating distance

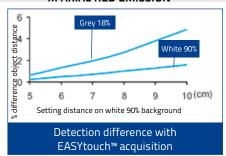
CLASER RED EMISSION

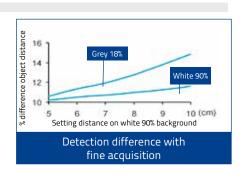




Operating distance

M AXIAL RED EMISSION

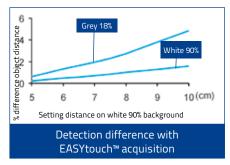


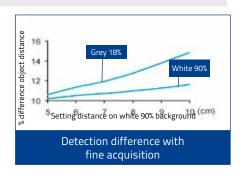




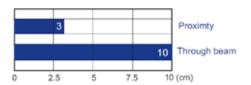
Operating distance

M RADIAL RED EMISSION





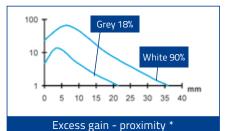
E RED EMISSION

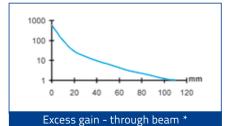


Operating distance with standard fibers

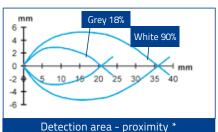
Standard Fiber-optics: OF-42-ST-20 proximity OF-43-ST-20 through beam

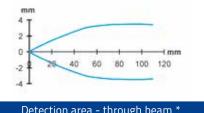
High efficiency fiber-optics or accessory lenses can be used to obtain larger operating distances.





* standard Fiber-optics

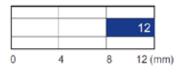




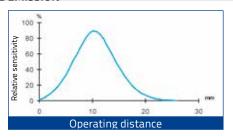
Detection area - through beam *

Tubular Sensors - S50/S51 *DATALOGIC

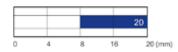
W WHITE EMISSION



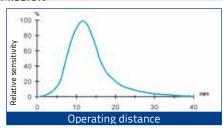
Operating distance



U UV EMISSION

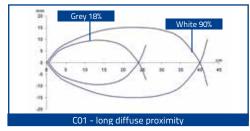


Operating distance

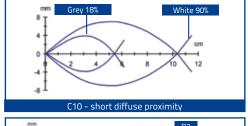


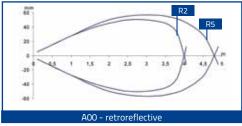
S51 DETECTION DIAGRAMS

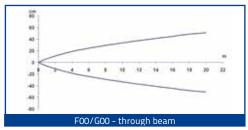
M18 STANDARD



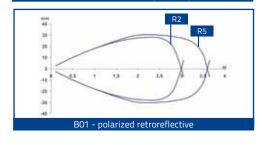
C20 - narrow beam proximity



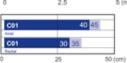




Note: the diagrams indicate the detection area typical of the axial optic versions; the maximum operating distance of the radial optic versions decreases as indicated in the tables given below

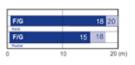












Recommended operating distance Maximum operating distance



MODEL SELECTION AND ORDER INFORMATION

OPTIC FUNCTION	EMISSION	CONNECTION	OUTPUT	MODEL	ORDER No.
		2m Cabla	NPN	S50-PA-2-A00-NN	952002090
Retroreflective	LED Avial autia	2m Cable	PNP	S50-PA-2-A00-PP	952002080
	LED, Axial optic	M42 C	NPN	S50-PA-5-A00-NN	952002110
		M12 Connector	PNP	S50-PA-5-A00-PP	952002100
		2m Cabla	NPN	S50-PA-2-B01-NN	952001610
	LED Avial entic	2m Cable	PNP	S50-PA-2-B01-PP	952001010
	LED, Axial optic		NPN	S50-PA-5-B01-NN	952001500
		M12 Connector	PNP	S50-PA-5-B01-PP	952001020
		2m Cabla	NPN	S50-PR-2-B01-NN	952001780
	LED, Radial optic	2m Cable	PNP	S50-PR-2-B01-PP	952001030
	LED, Radiai optic	M12 Connector	NPN	S50-PR-5-B01-NN	952001720
Delevized vetveveflective		M12 Connector	PNP	S50-PR-5-B01-PP	952001040
Polarized retroreflective		2m Cabla	NPN	S50-PL-2-B01-NN	952001870
	LACED Avial antic	2m Cable	PNP	S50-PL-2-B01-PP	952001360
	LASER, Axial optic	M42 C	NPN	S50-PL-5-B01-NN	952001840
		M12 Connector	PNP	S50-PL-5-B01-PP	952001370
		2 6-61-	NPN	S50-PH-2-B01-NN	952001950
	LACED D- 4:-1 - 1:	2m Cable	PNP	S50-PH-2-B01-PP	952001940
	LASER, Radial optic	M43.C	NPN	S50-PH-5-B01-NN	952001970
		M12 Connector	PNP	S50-PH-5-B01-PP	952001960
		2 6 11	NPN	S50-PA-2-C01-NN	952001620
	LED A : L . I	2m Cable	PNP	S50-PA-2-C01-PP	952001050
	LED, Axial optic	N442.5	NPN	S50-PA-5-C01-NN	952001510
		M12 Connector	PNP	S50-PA-5-C01-PP	952001060
		2 6 11	NPN	S50-PR-2-C01-NN	952001790
	150.0	2m Cable	PNP	S50-PR-2-C01-PP	952001070
	LED, Radial optic -		NPN	S50-PR-5-C01-NN	952001730
		M12 Connector	PNP	S50-PR-5-C01-PP	952001080
Long Diffuse proximity	LASER, Axial optic	2m Cable	NPN	S50-PL-2-C01-NN	952001880
			PNP	S50-PL-2-C01-PP	952001380
		M12 Connector	NPN	S50-PL-5-C01-NN	952001850
			PNP	S50-PL-5-C01-PP	952001390
		2m Cable M12 Connector	NPN	S50-PH-2-C01-NN	952001990
			PNP	S50-PH-2-C01-PP	952001980
	LASER, Radial optic		NPN	S50-PH-5-C01-NN	952002010
			PNP	S50-PH-5-C01-PP	952002000
		0.011	NPN	S50-PA-2-C10-NN	952001630
		2m Cable M12 Connector	PNP	S50-PA-2-C10-PP	952001240
	LED, Axial optic		NPN	S50-PA-5-C10-NN	952001520
			PNP	S50-PA-5-C10-PP	952001250
Short Diffuse proximity			NPN	S50-PR-2-C10-NN	952001800
		2m Cable	PNP	S50-PR-2-C10-PP	952001490
	LED, Radial optic		NPN	S50-PR-5-C10-NN	952001740
		M12 Connector	PNP	S50-PR-5-C10-PP	952001480
			NPN	S50-PA-2-C21-NN	952002170
		2m Cable	PNP	S50-PA-2-C21-PP	952002160
Medium Diffuse proximity	LED, Axial optic		NPN	S50-PA-5-C21-NN	952002100
		M12 Connector	PNP	S50-PA-5-C21-PP	952002180
			NPN	S50-PA-2-D00-NN	952001640
		2m Cable	PNP	S50-PA-2-D00-PP	952001090
	LED, Axial optic		NPN	S50-PA-5-D00-NN	952001530
		M12 Connector	PNP	S50-PA-5-D00-PP	952001100
Fixed focus			NPN	S50-PR-2-D00-NN	952001100
		2m Cable	PNP	S50-PR-2-D00-PP	952001010
	LED, Radial optic		NPN	S50-PR-5-D00-NN	952001710
		M12 Connector	PNP	S50-PR-5-D00-PP	952001730
			NPN	S50-PA-2-E01-NN	952001120
		2m Cable	PNP	S50-PA-2-E01-PP	952001030
Fiber optic	LED, Axial optic		NPN	S50-PA-5-E01-NN	952001130
		M12 Connector	PNP	S50-PA-5-E01-NN	952001540



OPTIC FUNCTION	EMISSION	CONNECTION	OUTPUT	MODEL	ORDER No.
		0.611	NPN	S50-PA-2-F01-NN	952001660
	150 4 : 1	2m Cable	PNP	S50-PA-2-F01-PP	952001150
	LED, Axial optic	N443 C	NPN	S50-PA-5-F01-NN	952001550
		M12 Connector	PNP	S50-PA-5-F01-PP	952001160
		2 6-1-	NPN	S50-PR-2-F01-NN	952001820
	LED De diel entie	2m Cable	PNP	S50-PR-2-F01-PP	952001170
	LED, Radial optic	M12 Connector	NPN	S50-PR-5-F01-NN	952001760
Thurston harman manifest		M12 Connector	PNP	S50-PR-5-F01-PP	952001180
Through beam receiver		2m Cabla	NPN	S50-PL-2-F01-NN	952001890
	LACED Avial antic	2m Cable	PNP	S50-PL-2-F01-PP	952001400
	LASER, Axial optic	M12 Connector	NPN	S50-PL-5-F01-NN	952001860
		IVI12 Connector	PNP	S50-PL-5-F01-PP	952001410
		2 6-11-	NPN	S50-PH-2-F01-NN	952002030
	LACED D-di-Lti-	2m Cable	PNP	S50-PH-2-F01-PP	952002020
	LASER, Radial optic	N413 C	NPN	S50-PH-5-F01-NN	952002050
		M12 Connector	PNP	S50-PH-5-F01-PP	952002040
		2m Cable	-	S50-PA-2-G00-XG	952001190
	LED, Axial optic	M12 Connector	-	S50-PA-5-G00-XG	952001200
		2m Cable	-	S50-PR-2-G00-XG	952001210
	LED, Radial optic	M12 Connector	-	S50-PR-5-G00-XG	952001220
Through beam emitter		2m Cable	-	S50-PL-2-G00-XG	952001420
	LASER, Axial optic	M12 Connector	-	S50-PL-5-G00-XG	952001430
	LASER, Radial optic	2m Cable	-	S50-PH-2-G00-XG	952002060
		M12 Connector	-	S50-PH-5-G00-XG	952002070
	LED, Axial optic		NPN	S50-PA-2-M03-NN	952001670
		2m Cable	PNP	S50-PA-2-M03-PP	952001230
		M12 Connector	NPN	S50-PA-5-M03-NN	952001560
			PNP	S50-PA-5-M03-PP	952001000
Background suppression		2m Cable	NPN	S50-PS-2-M03-NN	952001900
			PNP	S50-PS-2-M03-PP	952001910
	LED, Radial optic	M12 Connector	NPN	S50-PS-5-M03-NN	952001920
			PNP	S50-PS-5-M03-PP	952001930
			NPN	S50-PA-2-T01-NN	952001690
		2m Cable	PNP	S50-PA-2-T01-PP	952001260
	LED, Axial optic		NPN	S50-PA-5-T01-NN	952001580
		M12 Connector	PNP	S50-PA-5-T01-PP	952001270
Retroreflective for transparent			NPN	S50-PR-2-T01-NN	952001830
		2m Cable	PNP	S50-PR-2-T01-PP	952001280
	LED, Radial optic	M12 Connector	NPN	S50-PR-5-T01-NN	952001770
			PNP	S50-PR-5-T01-PP	952001290
			NPN	S50-PA-2-U03-NN	952001700
		2m Cable	PNP	S50-PA-2-U03-PP	952001300
Luminescence	LED, Axial optic		NPN	S50-PA-5-U03-NN	952001590
		M12 Connector	PNP	S50-PA-5-U03-PP	952001310
			NPN	S50-PA-2-W03-NN	952001310
		2m Cable	PNP	S50-PA-2-W03-PP	952001710
Contrast	LED, Axial optic	M12 Connector	NPN	S50-PA-5-W03-NN	952001520
			PNP	S50-PA-5-W03-PP	952001330



		S50 METAL MODELS			
OPTIC FUNCTION	EMISSION	CONNECTION	ОИТРИТ	MODEL	ORDER No.
<u> </u>			NPN	S50-MA-2-A00-NN	952022090
		2m Cable	PNP	S50-MA-2-A00-PP	952022080
Retroreflective	LED, Axial optic		NPN	S50-MA-5-A00-NN	952022110
		M12 Connector	PNP	S50-MA-5-A00-PP	952022110
			NPN	S50-MA-2-B01-NN	952022100
		2m Cable	PNP		
	LED, Axial optic			S50-MA-2-B01-PP	952021000
		M12 Connector	NPN	S50-MA-5-B01-NN	952021660
			PNP	S50-MA-5-B01-PP	952021200
		2m Cable	NPN	S50-MR-2-B01-NN	952021600
	LED, Radial optic		PNP	S50-MR-2-B01-PP	952021140
	EES, Nadial Optic	M12 Connector	NPN	S50-MR-5-B01-NN	952021760
Polarized retroreflective		WITZ CONNECTOR	PNP	S50-MR-5-B01-PP	952021340
r dialized redioleffective		2m Cable	NPN	S50-ML-2-B01-NN	952021820
	LACED Avial antic	ZIII Cable	PNP	S50-ML-2-B01-PP	952021400
	LASER, Axial optic	1442.5	NPN	S50-ML-5-B01-NN	952021850
		M12 Connector	PNP	S50-ML-5-B01-PP	952021440
			NPN	S50-MH-2-B01-NN	952021950
		2m Cable	PNP	S50-MH-2-B01-PP	952021940
	LASER, Radial optic		NPN	S50-MH-5-B01-NN	952021970
		M12 Connector	PNP	S50-MH-5-B01-PP	952021960
			NPN	S50-MA-2-C01-NN	
		2m Cable	PNP		952021510
	LED, Axial optic			S50-MA-2-C01-PP	952021010
	,	M12 Connector	NPN	S50-MA-5-C01-NN	952021670
			PNP	S50-MA-5-C01-PP	952021210
		2m Cable	NPN	S50-MR-2-C01-NN	952021610
	LED, Radial optic	ZIII Cabic	PNP	S50-MR-2-C01-PP	952021150
		M12 Connector	NPN	S50-MR-5-C01-NN	952021770
Long Diffuse provimity		IVI12 CONNECTOR	PNP	S50-MR-5-C01-PP	952021350
Long Diffuse proximity		2 C	NPN	S50-ML-2-C01-NN	952021830
	1.055	2m Cable	PNP	S50-ML-2-C01-PP	952021410
	LASER, Axial optic	M12 Connector	NPN	S50-ML-5-C01-NN	952021860
			PNP	S50-ML-5-C01-PP	952021450
			NPN	S50-MH-2-C01-NN	952021990
		2m Cable	PNP	S50-MH-2-C01-PP	952021980
	LASER, Radial optic		NPN	S50-MH-5-C01-NN	952022010
		M12 Connector	PNP	S50-MH-5-C01-PP	952022010
			NPN	S50-MA-2-C10-NN	952021520
		2m Cable			
	LED, Axial optic		PNP	S50-MA-2-C10-PP	952021020
		M12 Connector	NPN	S50-MA-5-C10-NN	952021680
Short Diffuse proximity			PNP	S50-MA-5-C10-PP	952021220
r		2m Cable	NPN	S50-MR-2-C10-NN	952021620
	LED, Radial optic	2 cabic	PNP	S50-MR-2-C10-PP	952021490
	EED, Nadiai optic	M12 Connector	NPN	S50-MR-5-C10-NN	952021780
		IVITZ CONNECTOR	PNP	S50-MR-5-C10-PP	952021480
		2m C-1-1-	NPN	S50-MA-2-C21-NN	952022130
M II Diff	155 4 1 1 11	2m Cable	PNP	S50-MA-2-C21-PP	952022120
Medium Diffuse proximity	LED, Axial optic		NPN	S50-MA-5-C21-NN	952022150
		M12 Connector	PNP	S50-MA-5-C21-PP	952022140
			NPN	S50-MA-2-D00-NN	952021140
		2m Cable	PNP	S50-MA-2-D00-PP	952021030
	LED, Axial optic		NPN	S50-MA-5-D00-NN	952021690
		M12 Connector			
Fixed focus			PNP	S50-MA-5-D00-PP	952021230
		2m Cable	NPN	S50-MR-2-D00-NN	952021630
	LED, Radial optic		PNP	S50-MR-2-D00-PP	952021160
	,	M12 Connector	NPN	S50-MR-5-D00-NN	952021790
			PNP	S50-MR-5-D00-PP	952021360
		2m Cable	NPN	S50-MA-2-E01-NN	952021880
Eibor optic	LED Avial antic	ZIII CAUIE	PNP	S50-MA-2-E01-PP	952021040
Fiber optic	LED, Axial optic	M42.5	NPN	S50-MA-5-E01-NN	952021890
		M12 Connector			

Plastic, Radial



OPTIC FUNCTION	EMISSION	CONNECTION	OUTPUT	MODEL	ORDER No.
		2m Cable	NPN	S50-MA-2-F01-NN	952021540
	150 A : 1 4:	Zm Cable	PNP	S50-MA-2-F01-PP	952021050
	LED, Axial optic	1426	NPN	S50-MA-5-F01-NN	952021700
		M12 Connector	PNP	S50-MA-5-F01-PP	952021250
			NPN	S50-MR-2-F01-NN	952021640
		2m Cable	PNP	S50-MR-2-F01-PP	952021170
	LED, Radial optic		NPN	S50-MR-5-F01-NN	952021800
		M12 Connector	PNP	S50-MR-5-F01-PP	952021370
Through beam receiver			NPN	S50-ML-2-F01-NN	952021840
		2m Cable	PNP	S50-ML-2-F01-PP	952021420
	LASER, Axial optic		NPN	S50-ML-5-F01-NN	952021870
		M12 Connector	PNP	S50-ML-5-F01-PP	952021460
			NPN	S50-MH-2-F01-NN	952022030
		2m Cable	PNP	S50-MH-2-F01-PP	952022020
	LASER, Radial optic		NPN	S50-MH-5-F01-NN	952022050
		M12 Connector	PNP	S50-MH-5-F01-PP	952022030
		2m Cable	PINP -	S50-MA-2-G00-XG	952022040
	LED, Axial optic	M12 Connector	_	S50-MA-5-G00-XG	952021060
		2m Cable		S50-MR-2-G00-XG	952021260
	LED, Radial optic	M12 Connector		S50-MR-2-G00-XG	
Through beam emitter					952021380
	LASER, Axial optic	2m Cable	-	S50-ML-2-G00-XG	952021430
		M12 Connector	-	S50-ML-5-G00-XG	952021470
	LASER, Radial optic	2m Cable	-	S50-MH-2-G00-XG	952022060
		M12 Connector	-	S50-MH-5-G00-XG	952022070
	LED, Axial optic	2m Cable	NPN	S50-MA-2-M03-NN	952021550
			PNP	S50-MA-2-M03-PP	952021070
Background suppression		M12 Connector	PNP	S50-MA-5-M03-PP	952021270
	LED, Radial optic	2m Cable	PNP	S50-MS-2-M03-PP	952021910
	ELB, Nadiai optic	M12 Connector	PNP	S50-MS-5-M03-PP	952021930
		2m Cable	NPN	S50-MA-2-T01-NN	952021570
	LED, Axial optic	ZIII Cabic	PNP	S50-MA-2-T01-PP	952021090
	EED, / Midi Optic	M12 Connector	NPN	S50-MA-5-T01-NN	952021730
Retroreflective for transparent		M12 Connector	PNP	S50-MA-5-T01-PP	952021290
Retroreflective for transparent		2m Cabla	NPN	S50-MR-2-T01-NN	952021650
	LED Dadial antic	2m Cable	PNP	S50-MR-2-T01-PP	952021190
	LED, Radial optic	M12 Co	NPN	S50-MR-5-T01-NN	952021810
		M12 Connector	PNP	S50-MR-5-T01-PP	952021390
Luminescence	LED, Axial optic	M12 Connector	PNP	S50-MA-5-U03-PP	952021300
	·	2m Cable	PNP	S50-MA-2-W03-PP	952021110
Contrast	LED, Axial optic		NPN	S50-MA-5-W03-NN	952021750
		M12 Connector	PNP	S50-MA-5-W03-PP	952021310
		S51 MODELS			0.000
OPTIC FUNCTION	HOUSING/OPTIC	CONNECTION	OUTPUT	MODEL	ORDER No.
		2m Cable	NPN PNP	S51-MA-2-A00-NK	952701601
	Nickel Plated Brass, Axial		NPN	S51-MA-2-A00-PK S51-MA-5-A00-NK	952701541 952701801
		M12 Connector	PNP	S51-MA-5-A00-PK	952701531
		2 5 11	NPN	S51-MR-2-A00-NK	952701711
	Nielval Dlakad Duran Dadiel	2m Cable	NPN PNP	S51-MR-2-A00-NK S51-MR-2-A00-PK	952701711 952701651
	Nickel Plated Brass, Radial				
Retroreflective	Nickel Plated Brass, Radial	2m Cable M12 Connector	PNP NPN PNP	S51-MR-2-A00-PK S51-MR-5-A00-NK S51-MR-5-A00-PK	952701911 952701851
Retroreflective	Nickel Plated Brass, Radial		PNP NPN	S51-MR-2-A00-PK S51-MR-5-A00-NK	952701651 952701911

952701331

952701261

952701201

952701131

952701461

952701391

S51-PA-5-A00-NK

S51-PA-5-A00-PK

S51-PR-2-A00-NK

S51-PR-2-A00-PK

S51-PR-5-A00-NK

S51-PR-5-A00-PK

NPN

NPN

PNP

NPN

PNP

M12 Connector

2m Cable

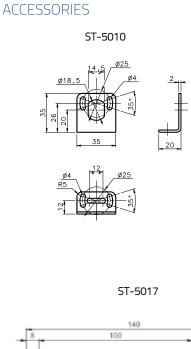
M12 Connector

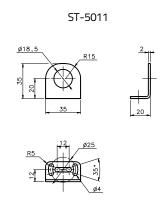
DATALOGIC

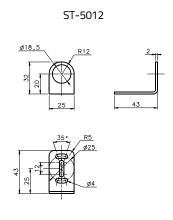
OPTIC FUNCTION	HOUSING/OPTIC	CONNECTION	OUTPUT	MODEL	ORDER No.
		2m Cable	NPN	S51-MA-2-B01-NK	952701611
	Nickel Plated Brass, Axial	ZIII Cable	PNP	S51-MA-2-B01-PK	952701551
	Michel Flated Brass, Axial	M12 Connector	NPN	S51-MA-5-B01-NK	952701811
		Z Connection	PNP	S51-MA-5-B01-PK	952701761
		2m Cable	NPN	S51-MR-2-B01-NK	952701721
	Nickel Plated Brass, Radial	ZIII Cabic	PNP	S51-MR-2-B01-PK	952701661
	Mickel Flated Blass, Madial	M12 Connector	NPN	S51-MR-5-B01-NK	952701921
Polarized retroreflective		WHZ CONNECTOR	PNP	S51-MR-5-B01-PK	952701861
Polarizeu retrorenective		2m Cable	NPN	S51-PA-2-B01-NK	952701081
	Plastic, Axial	ZIII Cable	PNP	S51-PA-2-B01-PK	952701011
	Plastit, Axiai	M42 C	NPN	S51-PA-5-B01-NK	952701341
		M12 Connector	PNP	S51-PA-5-B01-PK	952701271
		5 5 11	NPN	S51-PR-2-B01-NK	952701211
		2m Cable	PNP	S51-PR-2-B01-PK	952701141
	Plastic, Radial		NPN	S51-PR-5-B01-NK	952701471
		M12 Connector	PNP	S51-PR-5-B01-PK	952701401
			NPN	S51-MA-2-C01-NK	952701621
		2m Cable	PNP	S51-MA-2-C01-PK	952701561
	Nickel Plated Brass, Axial		NPN	S51-MA-5-C01-NK	952701821
		M12 Connector	PNP	S51-MA-5-C01-PK	952701771
			NPN	S51-MR-2-C01-NK	952701771
		2m Cable	PNP	S51-MR-2-C01-NK	952701731
	Nickel Plated Brass, Radial		NPN	S51-MR-5-C01-NK	952701071
		M12 Connector	PNP	S51-MR-5-C01-NK	952701931
Medium diffuse proximity					
		2m Cable	NPN	S51-PA-2-C01-NK	952701091
	Plastic, Axial		PNP	S51-PA-2-C01-PK	952701021
		M12 Connector	NPN	S51-PA-5-C01-NK	952701351
			PNP	S51-PA-5-C01-PK	952701281
		2m Cable	NPN	S51-PR-2-C01-NK	952701221
	Plastic, Radial		PNP	S51-PR-2-C01-PK	952701151
		M12 Connector	NPN	S51-PR-5-C01-NK	952701481
			PNP	S51-PR-5-C01-PK	952701411
	Nickel Plated Brass, Axial	2m Cable	NPN	S51-MA-2-C10-NK	952701631
			PNP	S51-MA-2-C10-PK	952701571
		M12 Connector	NPN	S51-MA-5-C10-NK	952701831
		WITZ CONNECTOR	PNP	S51-MA-5-C10-PK	952701521
	Nickel Plated Brass, Radial	2m Cable M12 Connector	NPN	S51-MR-2-C10-NK	952701741
			PNP	S51-MR-2-C10-PK	952701681
			NPN	S51-MR-5-C10-NK	952701941
Short diffuse proximity		IVITZ CONTRECTOR	PNP	S51-MR-5-C10-PK	952701881
Short direse proximity		2m Cablo	NPN	S51-PA-2-C10-NK	952701101
	Plastic, Axial	2m Cable M12 Connector	PNP	S51-PA-2-C10-PK	952701031
	riastic, Axiai		NPN	S51-PA-5-C10-NK	952701361
			PNP	S51-PA-5-C10-PK	952701291
		3m Cabla	NPN	S51-PR-2-C10-NK	952701231
	Diagtic Dadict	2m Cable	PNP	S51-PR-2-C10-PK	95270116
	Plastic, Radial	M43.C	NPN	S51-PR-5-C10-NK	952701491
		M12 Connector	PNP	S51-PR-5-C10-PK	95270142
Narrow beam proximity	Nickel Plated Brass, Axial	M12 Connector	PNP	S51-MA-5-C20-PK	952701961
1			NPN	S51-MA-2-F00-NK	95270164
	NI LIBLA I B	2m Cable	PNP	S51-MA-2-F00-PK	95270158
	Nickel Plated Brass, Axial		NPN	S51-MA-5-F00-NK	95270184
		M12 Connector	PNP	S51-MA-5-F00-PK	95270178
			NPN	S51-MR-2-F00-NK	95270175
		2m Cable	PNP	S51-MR-2-F00-PK	952701691
	Nickel Plated Brass, Radial		NPN	S51-MR-5-F00-NK	95270109
		M12 Connector	PNP	S51-MR-5-F00-PK	95270195
Through beam receiver			NPN	S51-NR-5-F00-PK	95270189
		2m Cable	PNP	S51-PA-2-F00-NK S51-PA-2-F00-PK	
	Plastic, Axial				952701051
		M12 Connector	NPN	S51-PA-5-F00-NK	952701381
			PNP	S51-PA-5-F00-PK	952701311
		2m Cable	NPN	S51-PR-2-F00-NK	952701251
	Plastic, Radial		PNP	S51-PR-2-F00-PK	952701181
	,	M12 Connector	NPN	S51-PR-5-F00-NK	952701511
			PNP	S51-PR-5-F00-PK	952701441
	Nickel Plated Brass, Axial	2m Cable	-	S51-MA-2-G00-XG	952701591
	The state of the s	M12 Connector	-	S51-MA-5-G00-XG	952701791
	Nickel Plated Brass, Radial	2m Cable	-	S51-MR-2-G00-XG	952701701
Through beam emitter	. v.e.c racea brass, Nadiai	M12 Connector	-	S51-MR-5-G00-XG	952701901
ough beam emitter	Plastic, Axial	2m Cable	-	S51-PA-2-G00-XG	952701061
	i idotic, Axidi	M12 Connector	-	S51-PA-5-G00-XG	952701321
	Diactic Dadial	2m Cable	-	S51-PR-2-G00-XG	952701191
	Plastic, Radial	M12 Connector	_	S51-PR-5-G00-XG	952701451

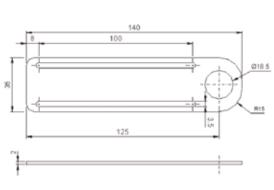
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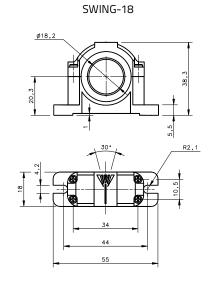
S50/S51

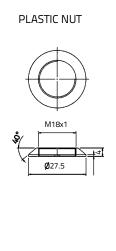


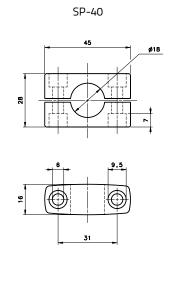


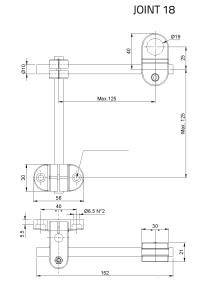


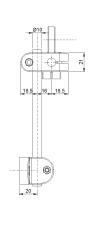


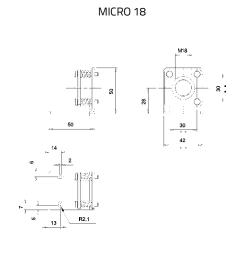












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MODEL	DESCRIPTION	ORDER No.
ST-5010	M18/14 mounting bracket	95ACC5230
ST-5011	M18 mounting bracket short	95ACC5240
ST-5012	M18 mounting bracket long	95ACC5250
ST-5017	M18 mounting bracket	95ACC5270
S50 EASY -IN	M18/14 EASY in™ adjustable mounting support	95ACC 5300
JOINT -18	M18 jointed support	95ACC 5220
MICRO -18	support with micrometric regulation for tubular M18 sensors	95ACC 1380
ST1218	M12/M18 mounting brackets	95ACC3340
ST1830	M18/M30 mounting brackets	95ACC3350
SP-40	mounting bracket tubular	95ACC1370
SWING-18	adjustable support for M18 tubular sensors	895000006
PLASTIC NUT	flared mounting nut	95ACC2630
MEK-PROOF	front protection (only for metal models)	G5000001

CABLES

TYPE	DESCRIPTION	LENGTH	MODEL	ORDER No.
		3 m	CS-A1-02-G-03	95A251380
	4-pole, grey, P.V.C.	5 m	CS-A1-02-G-05	95A251270
Axial M12 Connector	4-pole, grey, P.V.C.	7 m	CS-A1-02-G-07	95A251280
Axiai WHZ Connector		10 m	CS-A1-02-G-10	95A251390
	4-pole, P.U.R.	2 m	CS-A1-02-R-02	95A251540
	4-pole, P.O.R.	5 m	CS-A1-02-R-05	95A251560
		3 m	CS-A2-02-G-03	95A251360
	4-pole, grey, P.V.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 WHZ Connector		10 m	CS-A2-02-G-10	95A251260
	4-pole, P.U.R.	2 m	CS-A2-02-R-02	95A251550
	4-pole, P.O.R.	5 m	CS-A2-02-R-05	95A251570
Radial M12 Connector	4-pole, grey, P.V.C.	3 m	CS-A2-12-G-03	95A251400
with LED		5 m	CS-A2-12-G-05	95A251350
(for PNP N.O. sensors)		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		10 m	CV-A1-22-B-10	95ACC1500
	4-pole, shielded, black,	15 m	CV-A1-22-B-15	95ACC2070
	P.V.C.	25 m	CV-A1-22-B-25	95ACC2090
		3 m	CV-A2-22-B-03	95ACC1540
Radial M12 Connector		5 m	CV-A2-22-B-05	95ACC1550
		10 m	CV-A2-22-B-10	95ACC1560
		3 m	CS-A1-02-U-03	95ASE1120
		5 m	CS-A1-02-U-05	95ASE1130
Axial M12 Connector	4-pole, U.L., black, P.V.C.	10 m	CS-A1-02-U-10	95ASE1140
Axidi IVI 12 CUTITIECLUI		15 m	CS-A1-02-U-15	95ASE1150
		25 m	CS-A1-02-U-25	95ASE1160
	/ 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