# LECTRI TUBULAR

# 

DATALOGIC AUTOMATION

#### **S18 SERIES**

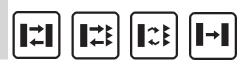
The S18 series basic line includes all the most diffused tubular photoelectric sensor models.

The retroreflex optic function is available in two versions, with or without the optic polarisation filter for the detection of shiny objects, and with operating distances up to 3 m according to the reflector used. Two different diffuse proximity versions

with 10 or 30 cm operating distances are also available; while the through beam models offer a 12 m operating distance.

The connection can be either with a cable or M12 connector; in both cases the 4 wire connection allows the complete configuration of the NPN/PNP output and dark/light operating mode. The S18 models offer ABS housing and fixing nuts, while the S18M models offer them in nickel-plated brass. The IP67 protection is guaranteed in all models.

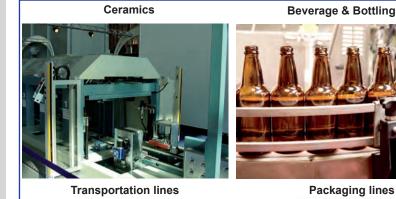




#### HIGHLIGHTS

- · Most diffused models available
- NPN/PNP and dark/light configuration
- possibility Cable or M12 connection
- · Impermeable plastic or metal housing

#### APPLICATIONS



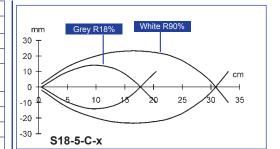


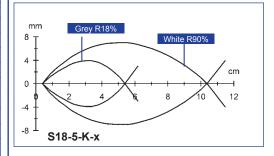
Packaging lines

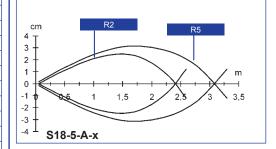
#### **TECHNICAL DATA**

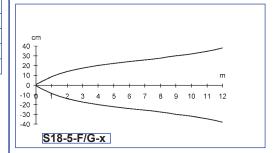
Power supply:     10 30 Vdc, reverse polarity protection       Consumption:     30 mA max.       Light emission:     infrared LED 880 nm       red LED (B vers.)     Diffuse proximity operating distance:       Diffuse proximity operating distance:     0.1 2 m (on R2)       Polarised retroreflex operating distance:     0.1 15 m (on R2)       Polarised retroreflex operating distance:     0 12 m       Setting:     sensitivity trimmer (B, C vers.)       Indicators:     yellow OUTPUT LED       Green POWER LED (G vers.)     Indicators:       Output type:     NPN or PNP, open conifigurable (4 wires vers.)       Saturation voltage:     2.5 V max. (4 wires vers.)       Output type:     NPN or PNP, open conifigurable (4 wires vers.)       Output current:     150 mA max, short-circuit protection       Response time:     1 ms max.       2 ms (F vers.)     0       Operating mode:     dark/light configurable (4 wire vers.)       Connection:     4-pole M12 connector       2 ms (F vers.)     Connector       2 ms (5 s m cable     Electrical protection:       class 1 (S18M)     class 1 (S18M)       Mechan				
Light emission:   infrared LED 880 nm     red LED (B vers.)     Diffuse proximity operating distance:   1 30 cm (C vers.) 1 10 cm (K vers.)     Retroreflex operating distance:   0.1 1.5 m (on R2)     Polarised retroreflex operating distance:   0 1.2 m     Setting:   sensitivity trimmer (B, C vers.)     Indicators:   yellow OUTPUT LED     green POWER LED (G vers.)   green POWER LED (G vers.)     Output type:   NPN or PNP, open conifigurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     Output type:   1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     Qerating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     Quipt and max is a startial:   PMBA pole M12 connector     Quipt and protection:   class 2 (S18)     Cennection:   1.85 m cable     Electrical protection:   IP67     Housing material:   PMMA plastic     Weight:   50 g max. (connector vers.)     Inckel-plated brass for S18M   Lens material:     PMMA plastic	Power supply:	10 30 Vdc, reverse polarity protection		
red LED (B vers.)     Diffuse proximity operating distance:   1 30 cm (C vers.) 1 10 cm (K vers.)     Retroreflex operating distance:   0.1 1.5 m (on R2)     Polarised retroreflex operating distance:   0.1 1.5 m (on R2)     Through beam operating distance:   0 1.2 m     Setting:   sensitivity trimmer (B, C vers.)     Indicators:   yellow OUTPUT LED     green POWER LED (G vers.)   green POWER LED (G vers.)     Output type:   NPN or PNP, open configurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     1.8 V max. (3 wires vers.)   1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)   0perating mode:     dark/light configurable (4 wire vers.)   Connection:     2 ms (F vers.)   0perating mode:     dark/light configurable (4 wire vers.)   Connection:     2 ms (F vers.)   0perating mode:     dark/light configurable (4 wire vers.)   Connection:     2 ms (F vers.)   0perating temperature:     0 and k/light configurable (4 wire vers.)   Connection:     1 ms max.   1	Consumption:	30 mA max.		
Diffuse proximity operating distance:   1 30 cm (C vers.) 1 10 cm (K vers.)     Retroreflex operating distance:   0.1 2 m (on R2)     Polarised retroreflex operating distance:   0.1 1.5 m (on R2)     Through beam operating distance:   0.1 1.5 m (on R2)     Through beam operating distance:   0.1 1.5 m (on R2)     Indicators:   yellow OUTPUT LED     Indicators:   yellow OUTPUT LED     Output type:   NPN or PNP, open configurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     Quertating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     2 mg 6 rvers.)   2 mg 5 mm cable     Electrical protection:   class 1 (S18M)     Mechanical protection:   IP67     Housing material:   ABS for S18,     Uning temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C	Light emission:	infrared LED 880 nm		
Retroreflex operating distance:0.1 2 m (on R2)Polarised retroreflex operating distance:0.1 1.5 m (on R2)Through beam operating distance:0 12 mSetting:sensitivity trimmer (B, C vers.)Indicators:yellow OUTPUT LEDgreen POWER LED (G vers.)Output type:NPN or PNP, open conifigurable (4 wires vers.)Saturation voltage:2.5 V max. (4 wires vers.)1.8 V max. (3 wires vers.)Output current:150 mA max., short-circuit protectionResponse time:1 ms max.2 ms (F vers.)Operating mode:dark/light configurable (4 wire vers.)Connection:4-pole M12 connector2 m Ø 5 mm cableElectrical protection:lef67Housing material:NBS for S18,Lens material:PMMA plasticWeight:50 g max. (connector vers.)Operating temperature:-25 +70°CReference standard:EN 60947-5-2		red LED (B vers.)		
Polarised retroreflex operating distance:   0.11.5 m (on R2)     Through beam operating distance:   012 m     Setting:   sensitivity trimmer (B, C vers.)     Indicators:   yellow OUTPUT LED     green POWER LED (G vers.)   0utput type:     Output type:   NPN or PNP, open conifigurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     1.8 V max. (3 wires vers.)   1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)   0perating mode:     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   Electrical protection:     class 2 (S18)   class 1 (S18M)     Mechanical protection:   IP67     Housing material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)   0perating temperature:     -25 +55°C   Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:	Diffuse proximity operating distance:	1 30 cm (C vers.) 1 10 cm (K vers.)		
Through beam operating distance:   012 m     Setting:   sensitivity trimmer (B, C vers.)     Indicators:   yellow OUTPUT LED     green POWER LED (G vers.)   0utput type:     NPN or PNP, open conifigurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)     Operating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   Electrical protection:     Electrical protection:   class 2 (S18)     Mechanical protection:   IP67     Housing material:   ABS for S18,     Neight:   50 g max. (connector vers.)     100 g max. (cable vers.)   00 g max. (connect vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +55°C	Retroreflex operating distance:	0.1 2 m (on R2)		
Setting:   sensitivity trimmer (B, C vers.)     Indicators:   yellow OUTPUT LED     green POWER LED (G vers.)   Output type:     Output type:   NPN or PNP, open conifigurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     Qperating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     Q m Ø 5 mm cable   Electrical protection:     Lectrical protection:   class 2 (S18)     Mechanical protection:   IP67     Housing material:   ABS for S18,     Neight:   50 g max. (connector vers.)     Operating temperature:   -25 +55°C     Storage tempera	Polarised retroreflex operating distance:	0.1 1.5 m (on R2)		
Indicators:   yellow OUTPUT LED     green POWER LED (G vers.)   Output type:     Output type:   NPN or PNP, open conifigurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     1.8 V max. (3 wires vers.)   1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)   Operating mode:     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   Electrical protection:     class 1 (S18M)   Class 1 (S18M)     Mechanical protection:   IP67     Housing material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)   Operating temperature:     -25 +55°C   Storage temperature:     -25 +55°C	Through beam operating distance:	0 12 m		
green POWER LED (G vers.)     Output type:   NPN or PNP, open conifigurable (4 wires vers.)     Saturation voltage:   2.5 V max. (4 wires vers.)     1.8 V max. (3 wires vers.)   1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)   0perating mode:     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   2 mØ 5 mm cable     Electrical protection:   class 1 (S18M)     Mechanical protection:   IP67     Housing material:   ABS for S18,     Neight:   50 g max. (connector vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2	Setting:	sensitivity trimmer (B, C vers.)		
Output type:NPN or PNP, open conifigurable (4 wires vers.)Saturation voltage:2.5 V max. (4 wires vers.)1.8 V max. (3 wires vers.)1.8 V max. (3 wires vers.)Output current:150 mA max., short-circuit protectionResponse time:1 ms max.2 ms (F vers.)2 ms (F vers.)Operating mode:dark/light configurable (4 wire vers.)Connection:4-pole M12 connector2 m Ø 5 mm cableElectrical protection:Electrical protection:class 2 (S18)Mechanical protection:IP67Housing material:ABS for S18,Neight:50 g max. (connector vers.)Uright:50 g max. (connector vers.)Operating temperature:-25 +55°CStorage temperature:-25 +70°CReference standard:EN 60947-5-2Storage temperature:-25 +70°CReference standard:EN 60947-5-2Storage temperature:-25 +70°CReference standard:EN 60947-5-2	Indicators:	yellow OUTPUT LED		
Saturation voltage:   2.5 V max. (4 wires vers.)     1.8 V max. (3 wires vers.)   1.8 V max. (3 wires vers.)     Output current:   150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)   2 ms (F vers.)     Operating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   2 ms (5 V max.)     Electrical protection:   class 2 (S18)     class 1 (S18M)   class 1 (S18M)     Mechanical protection:   IP67     Housing material:   ABS for S18,     uesphere   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2		green POWER LED (G vers.)		
1.8 V max. (3 wires vers.)     Output current:     150 mA max., short-circuit protection     Response time:   1 ms max.     2 ms (F vers.)     Operating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     2 m Ø 5 mm cable     Electrical protection:   class 2 (S18)     class 1 (S18M)     Mechanical protection:   IP67     Housing material:   ABS for S18,     nickel-plated brass for S18M     Lens material:   PMMA plastic     Weight:   50 g max. (connector vers.)     Operating temperature:   -25 + 75°C     Storage temperature:   -25 + 70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 + 70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 + 70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 + 70°C     Reference standard:   EN 60947-5-2	Output type:	NPN or PNP, open conifigurable (4 wires vers.)		
Output current:150 mA max., short-circuit protectionResponse time:1 ms max.2 ms (F vers.)2 ms (F vers.)Operating mode:dark/light configurable (4 wire vers.)Connection:4-pole M12 connector2 m Ø 5 mm cable2 m Ø 5 mm cableElectrical protection:class 2 (S18)Mechanical protection:IP67Housing material:ABS for S18,unickel-plated brass for S18MLens material:PMMA plasticWeight:50 g max. (connector vers.)Operating temperature:-25 +55°CStorage temperature:-25 +55°C <tr< td=""><td>Saturation voltage:</td><td colspan="2">2.5 V max. (4 wires vers.)</td></tr<>	Saturation voltage:	2.5 V max. (4 wires vers.)		
Response time:   1 ms max.     2 ms (F vers.)   Operating mode:     Operating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   2 m Ø 5 mm cable     Electrical protection:   class 2 (S18)     Mechanical protection:   IP67     Housing material:   ABS for S18,     Inckel-plated brass for S18M   Lens material:     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)   100 g max. (cable vers.)     Operating temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2		1.8 V max. (3 wires vers.)		
2 ms (F vers.)Operating mode:dark/light configurable (4 wire vers.)Connection:4-pole M12 connector2 m Ø 5 mm cable2 m Ø 5 mm cableElectrical protection:class 2 (S18)Mechanical protection:IP67Housing material:ABS for S18,Inckel-plated brass for S18MLens material:PMMA plasticWeight:50 g max. (connector vers.)Operating temperature:-25 +55°CStorage temperature:-25 +70°CReference standard:EN 60947-5-2	Output current:	150 mA max., short-circuit protection		
Operating mode:   dark/light configurable (4 wire vers.)     Connection:   4-pole M12 connector     2 m Ø 5 mm cable   2 mØ 5 mm cable     Electrical protection:   class 2 (S18)     Mechanical protection:   IP67     Housing material:   ABS for S18,     Mechanical protection:   IP67     Housing material:   ABS for S18,     Using material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)   100 g max. (cable vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2	Response time:	1 ms max.		
Connection:4-pole M12 connector2 m Ø 5 mm cableElectrical protection:class 2 (S18)Class 1 (S18M)Mechanical protection:IP67Housing material:ABS for S18,nickel-plated brass for S18MLens material:PMMA plasticWeight:50 g max. (connector vers.)0perating temperature:-25 +55°CStorage temperature:-25 +70°CReference standard:EN 60947-5-2Storage temperature:-25 +55°CStorage temperature:-25 +70°CReference standard:EN 60947-5-2Storage temperature:-25 +55°CStorage temperature:-25 +70°CEn 60947-5-2EN 60947-5-2Storage temperature:-25 +70°CReference standard:EN 60947-5-2		2 ms (F vers.)		
2 m Ø 5 mm cable     Electrical protection:     class 2 (S18)     class 1 (S18M)     Mechanical protection:     IP67     Housing material:     ABS for S18,     nickel-plated brass for S18M     Lens material:     PMMA plastic     Weight:     50 g max. (connector vers.)     100 g max. (cable vers.)     Operating temperature:     -25 +55°C     Storage temperature:     -25 +55°C     100 g max. (vers. cavo)     Operating temperature:     -25 +55°C     Storage temperature:     -25 +70°C     Reference standard:     EN 60947-5-2	Operating mode:	dark/light configurable (4 wire vers.)		
Electrical protection:class 2 (S18)Mechanical protection:IP67Housing material:ABS for S18,nickel-plated brass for S18MLens material:PMMA plasticWeight:50 g max. (connector vers.)100 g max. (cable vers.)Operating temperature:-25 +55°CStorage temperature:-25 +70°CReference standard:EN 60947-5-2Storage temperature:-25 +55°CStorage temperature:-25 +55°CStorage temperature:-25 +55°CReference standard:EN 60947-5-2Storage temperature:-25 +55°CStorage temperature:-25 +70°CReference standard:EN 60947-5-2	Connection:	4-pole M12 connector		
class 1 (S18M)     Mechanical protection: .   IP67     Housing material:   ABS for S18,     nickel-plated brass for S18M     Lens material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Operating temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2		2 m Ø 5 mm cable		
Mechanical protection: .   IP67     Housing material:   ABS for S18,     nickel-plated brass for S18M     Lens material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Operating temperature:   -25 +55°C     Storage temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2	Electrical protection:	class 2 (S18)		
Housing material:   ABS for S18,     nickel-plated brass for S18M     Lens material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     00 g max. (vers. cavo)   00 g max. (vers. cavo)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2		class 1 (S18M)		
nickel-plated brass for S18M     Lens material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)   100 g max. (cable vers.)     Operating temperature:   -25 +55°C     Storage temperature:   -25 +70°C     Reference standard:   EN 60947-5-2     100 g max. (vers. cavo)   Operating temperature:     -25 +55°C   Storage temperature:     -25 +55°C   Storage temperature:     -25 +55°C   Storage temperature:     -25 +55°C   Storage temperature:     -25 +70°C   EN 60947-5-2	Mechanical protection: .	IP67		
Lens material:   PMMA plastic     Weight:   50 g max. (connector vers.)     100 g max. (cable vers.)     Operating temperature:     -25 +55°C     Storage temperature:     -25 +70°C     Reference standard:     100 g max. (vers. cavo)     Operating temperature:     -25 +55°C     Storage temperature:     -25 +55°C     Storage temperature:     -25 +55°C     Storage temperature:     -25 +55°C     Storage temperature:     -25 +70°C     Reference standard:     EN 60947-5-2	Housing material:	ABS for S18,		
Weight:     50 g max. (connector vers.)       100 g max. (cable vers.)     100 g max. (cable vers.)       Operating temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2       100 g max. (vers. cavo)     0       Operating temperature:     -25 +55°C       Storage temperature:     -25 +55°C       Storage temperature:     -25 +55°C       Storage temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2		nickel-plated brass for S18M		
100 g max. (cable vers.)       Operating temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2       100 g max. (vers. cavo)     Operating temperature:       -25 +55°C     Storage temperature:       -25 +55°C     Storage temperature:       -25 +55°C     Storage temperature:       -25 +70°C     Reference standard:       EN 60947-5-2     EN 60947-5-2	Lens material:	PMMA plastic		
Operating temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2       100 g max. (vers. cavo)     Operating temperature:       -25 +55°C     Storage temperature:       -25 +55°C     Storage temperature:       -25 +70°C     Reference standard:       EN 60947-5-2     EN 60947-5-2	Weight:	50 g max. (connector vers.)		
Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2       100 g max. (vers. cavo)     0       Operating temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2		100 g max. (cable vers.)		
Reference standard:     EN 60947-5-2       100 g max. (vers. cavo)     100 g max. (vers. cavo)       Operating temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2	Operating temperature:	-25 +55°C		
100 g max. (vers. cavo)       Operating temperature:     -25 +55°C       Storage temperature:     -25 +70°C       Reference standard:     EN 60947-5-2	Storage temperature:	-25 +70°C		
Operating temperature: -25 +55°C   Storage temperature: -25 +70°C   Reference standard: EN 60947-5-2	Reference standard:	EN 60947-5-2		
Storage temperature: -25 +70°C   Reference standard: EN 60947-5-2		100 g max. (vers. cavo)		
Reference standard: EN 60947-5-2	Operating temperature:	-25 +55°C		
	Storage temperature:	-25 +70°C		
Certifications:	Reference standard:			
	Certifications:	<b>CE</b> 2 <sup>(1)</sup> 10 KITTN		

#### **DETECTION DIAGRAMS**









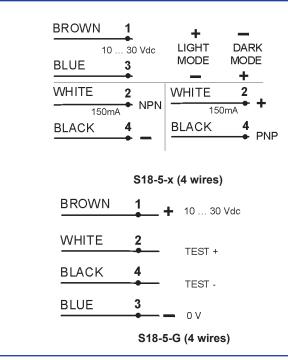
The operating distances indicate the detection distance with excess gain 2.

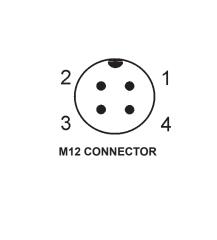


The detection diagrams indicate the typical operating distance with excess gain 1.

DATALOGIC AUTOMATION

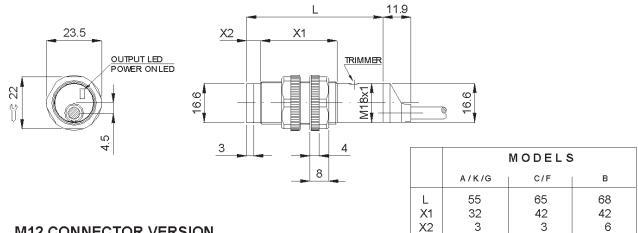
### CONNECTIONS



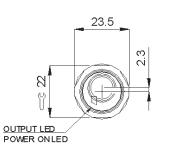


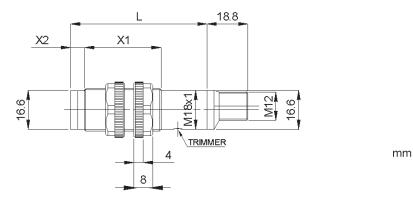
#### DIMENSIONS





#### **M12 CONNECTOR VERSION**





## MODEL SELECTION AND ORDER INFORMATION

VERSIONS WITH PLASTIC HOUSING				
MODEL	OPTIC FUNCTION	CONNECTION	CODE N°	
S18-5-C-30	long distance proximity	2 m cable	952601040	
S18-5-C-32	long distance proximity	M12 4 wire connector	952601050	
S18-5-K-30	short distance proximity	2 m cable	952601020	
S18-5-K-32	short distance proximity	M12 4 wire connector	952601030	
S18-5-A-30	retroreflex	2 m cable	952601000	
S18-5-A-32	retroreflex	M12 4 wire connector	952601010	
S18-5-B-30	polarised retroreflex	2 m cable	952601060	
S18-5-B-32	polarised retroreflex	M12 4 wire connector	952601070	
S18-5-F-30	through beam receiver	2 m cable	952601080	
S18-5-F-32	through beam receiver	M12 4 wire connector	952601090	
S18-5-G-00	through beam emitter	2 m cable	952601100	
S18-5-G-02	through beam emitter	M12 4 wire connector	952601110	
VERSIONS WITH METAL HOUSING				
MODEL	OPTIC FUNCTION	CONNECTION	CODE N°	
S18M-5-C-30	long distance proximity	2 m cable	952651040	
S18M-5-C-32	long distance proximity	M12 4 wire connector	952651050	
S18M-5-K-30	short distance proximity	2 m cable	952651020	
S18M-5-K-32	short distance proximity	M12 4 wire connector	952651030	
S18M-5-A-30	retroreflex	2 m cable	952651000	
S18M-5-A-32	retroreflex	M12 4 wire connector	952651010	
S18M-5-B-30	polarised retroreflex	2 m cable	952651060	
S18M-5-B-32	polarised retroreflex	M12 4 wire connector	952651070	
S18M-5-F-30	through beam receiver	2 m cable	952651080	
S18M-5-F-32	through beam receiver	M12 4 wire connector	952651090	
S18M-5-G-00	through beam emitter	2 m cable	952651100	
S18M-5-G-02	through beam emitter	M12 4 wire connector	952651110	

ACCESSORY SELECTION AND ORDER INFORMATION				
MODEL	DESCRIPTION	CODE N°		
SP-40	fixed support for tubular M18 sensors	95ACC1370		
SWING-18	adjustable support for plastic tubular M18 sensors	895000006		

Please refer also to Sensor Accessories.

The company endeavours to continuously improve and renew its products; for this reason the technical data and contents of this catalogue may undergo variations without prior notice. For correct installation and use, the company can guarantee only the data indicated in the instruction manual supplied with the products.

