

### Technical data :

Rated operating distance (Sn)	2 mm
Mounting mode	Flush
Output type	PNP
Function	NO
Operating voltage	10...30V DC
Operating current	100 mA
No-load consumption	< 25 mA
Voltage drop	< 2 V
Residual current	< 70 µA
Ambient temperature range	-25...70 °C
Hysteresis	3...15 %
Repeatability	< 5 %
Switching frequency	50 Hz

### Protection :

Reverse polarity protection	
Short-circuit protection	
Overload protection	
Magnetic field immunity (welding current)	
IEC 61000-4-2 (ESD)	4 kV contact / 8kV air
IEC 61000-4-4 (Burst)	2kV / 5kHz
IEC 61000-4-6 (RF conducted)	3V 150kHz...80MHz
Protection degree	IP67

### Materials :

Main housing	Anodized aluminium
Sensing face	PA

### Status indication :

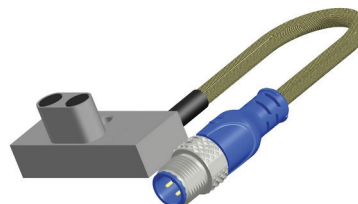
Power	Green LED
Output S2	Red LED
Output S4	Yellow LED

### Connection :

Connector	M12
Cable	PUR
Main cable length	0,2 m (0/+30 mm)
Cable protection	Aramid fibre (kevlar) braided sleeving

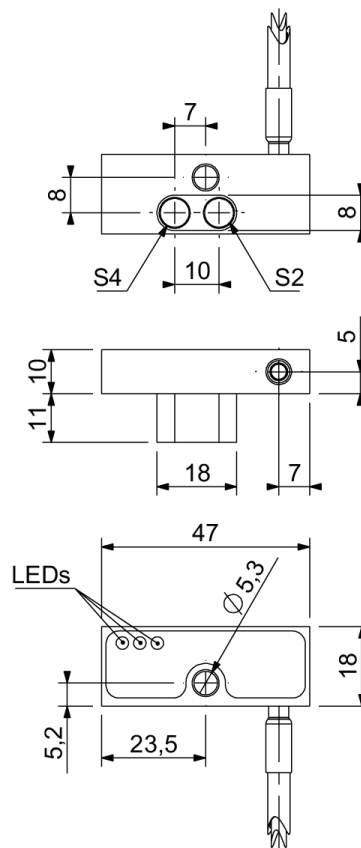
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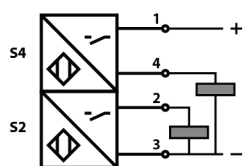


CE RoHS

### Dimensions :



### Connection diagram :



### Pin assignment :

