

Technical data :

Rated operating distance (Sn)	4 mm
Mounting mode	Flush
Output type	PNP
Function	NO
Operating voltage	10...30V DC
Operating current	100 mA
Non-Load consumption	< 10 mA
Voltage drop	< 2 V
Residual current	< 70 µA
Ambient temperature range	0...85 °C (UL: 80°C max)
Hysteresis	3...15 %
Repeatability	< 5 %
Switching frequency	500 Hz

Protection :

Reverse polarity protection	
Short-circuit protection	
Overload protection	
IEC 61000-4-2 (ESD)	4kV Contact / 8kV Air
IEC 61000-4-4 (Burst)	2kV / 5kHz
IEC 61000-4-6 (RF conducted)	3V 150kHz...80MHz
Welding environment compatible	
Protection degree	IP67

Materials :

Housing	Steel, PTFE coated
Sensing face	Ceramic

Status indication :

Output	Yellow LED
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Connection :

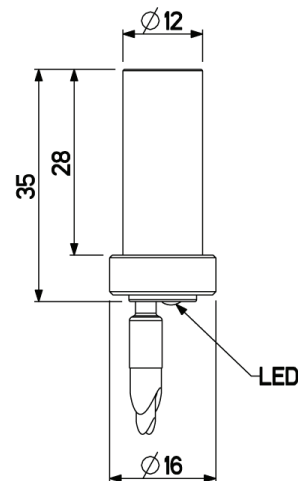
Connector	M12
Cable	PUR, halogen free
Cable length	0,2 m
Cable protection	Aramid fibre (kevlar) braided sleeving

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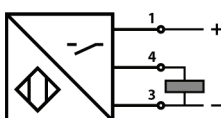
Welding environment
L12



Dimensions :



Connection diagram :



Pin assignment :

