

### Technical data :

Rated operating distance (Sn)	1,8 mm
Mounting mode	Flush
Output type	PNP
Function	NO
Operating voltage	10...30V DC
Operating current	100 mA
No-load consumption	< 15 mA
Voltage drop	< 2 V
Residual current	< 70 µA
Ambient temperature range	0...85 °C
Hysteresis	3...15 %
Repeatability	< 5 %
Switching frequency	1 kHz

### Protection :

Reverse polarity protection	
Short-circuit protection	
Overload protection	
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
Welding environment compatible	
Protection degree	IP67

### Materials :

Housing	Steel, PTFE coated
Connector	Brass, nickel-plated
Sensing face	Ceramic

### Status indication :

Output	Yellow LED
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### Connection :

Connector	M8
Cable	PUR, halogen free
Cable length	0,2 m
Cable protection	Silicone-coated fiberglass braided sleeving
*X* : Silicone termination sleeve	

### Accessories (included) :

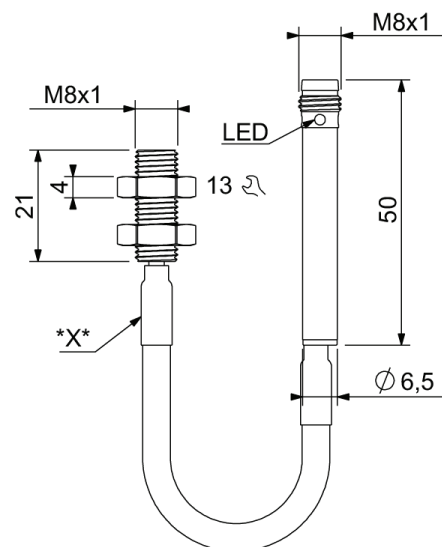
2 PTFE coated brass fixing nuts

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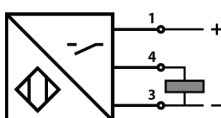
Welding environment  
M08



### Dimensions :



### Connection diagram :



### Pin assignment :

