

Technical data :

Rated operating distance (Sn)	10 mm
Mounting mode	Flush (*)
(*) Flush mountable in steel only	
Output type	PNP
Function	NO
Operating voltage	10...30 V DC
Operating current	200 mA
No-load consumption	< 15 mA
Voltage drop	< 2 V
Residual current	< 70 µA
Ambient temperature range	-25...70 °C
Hysteresis	3...15 %
Repeatability	< 5 %
Switching frequency	200 Hz

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
Protection degree	IP67

Materials :

Housing	Stainless steel
Sensing face	Stainless steel (1 mm thickness)

Status indication :

Output	Yellow LED
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Connection :

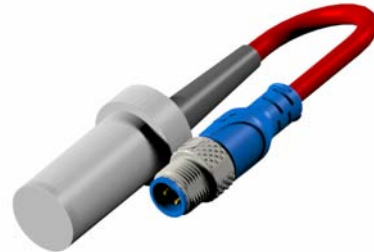
Connector	M12
Cable	PVC
Cable length	0,15 m (0/+20 mm)
Cable protection	Silicone-coated fiberglass braided sleeving

Particularity :

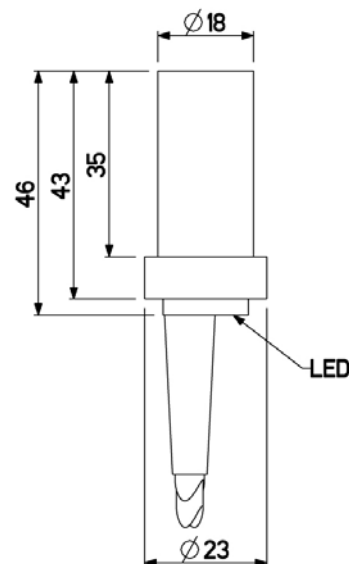
Insensitive to aluminium chips

A1263D01L181034SS

Welding environment
L18



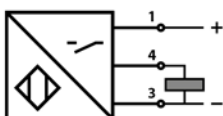
Dimensions :



Correction factor :

Matériau détecté Detected material	Facteur de correction Correction factor
Acier / Steel (30 x 30 x 1 mm)	1,00
Aluminium / Aluminium (30 x 30 x 1 mm)	1,00
Cuivre / Copper (30 x 30 x 1 mm)	0,99
Laiton / Brass (30 x 30 x 1 mm)	0,96
Inox A316 / Stainless steel (30 x 30 x 1 mm)	0,32

Connection diagram :



Pin assignment :

