

**Technical data :**

Rated operating distance (Sn)	2 mm
Mounting mode	Non noyable
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	500 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	Zamak
Satellite housing	PA
Sensing face	PA

**Status indication :**

Power	Green LED
Output S2	Red LED
Output S4	Yellow LED

**Connection :**

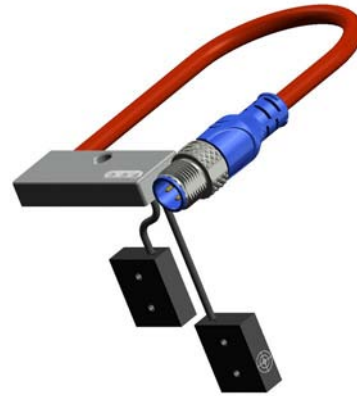
Connector	M12
Cable (satellites)	PUR
Cable	PUR
LS2 Cable length	160 mm (0/+10 mm)
LS4 Cable length	160 mm (0/+10 mm)
Main cable length	0,2 m
Cable protection	Silicone-coated fiberglass braided sleeving

**Accessories (included) :**

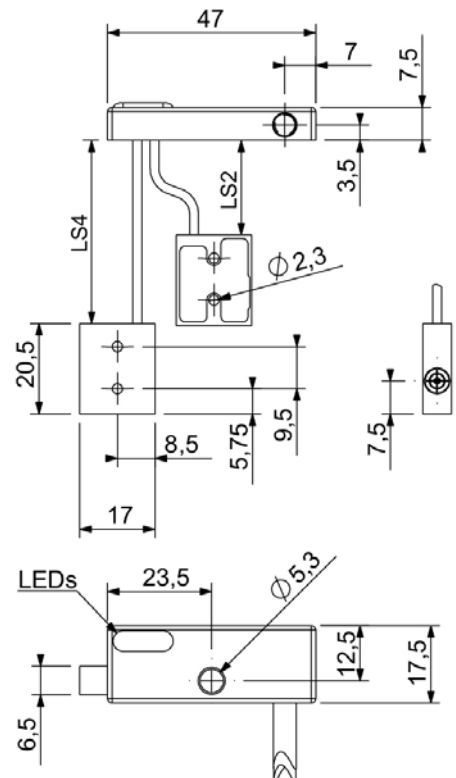
1 zinc-plated steel screw CHC M5-25 mm

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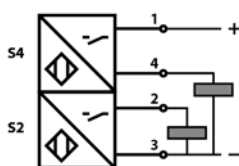
Welding environment  
Q47



**Dimensions :**



**Connection diagram :**



**Pin assignment :**

