

PMS-PKS/PMW-PKW

Thermal drift of Sr	< 10%
Repeat Accuracy	< 5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Application

Description	M18 standard flush mount
Functions	Proximity

Outputs

Output type	PNP
Output Function	NO + NC
Switching frequency	1,5kHz

Electrical data

Operating Voltage	10...30Vdc
No-Load supply current	≤ 15mA
Load current	≤ 400mA
Leakage current	≤ 10μA
Output voltage drop	≤ 2V @200mA
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 50ms

Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	M18 x 1 / L =62,8mm
Mounting	Shielded
Material	AISI303 Stainless Steel
Housing material	AISI303 Stainless Steel
Weight	55g
Connections	M12 Plug
Active Head Material	PSU
Tightening torque	50Nm
Operating temperature	-25°C...+70°C
Diameter/Dimension	M18

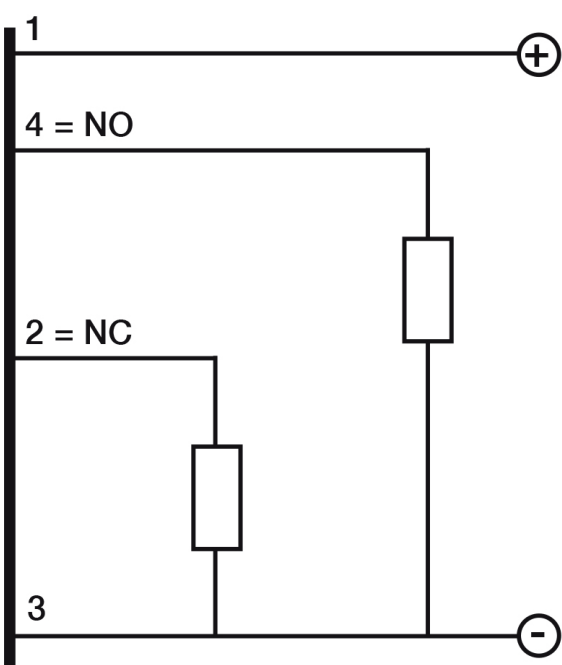
Test/Approvals

Approvals	CE
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

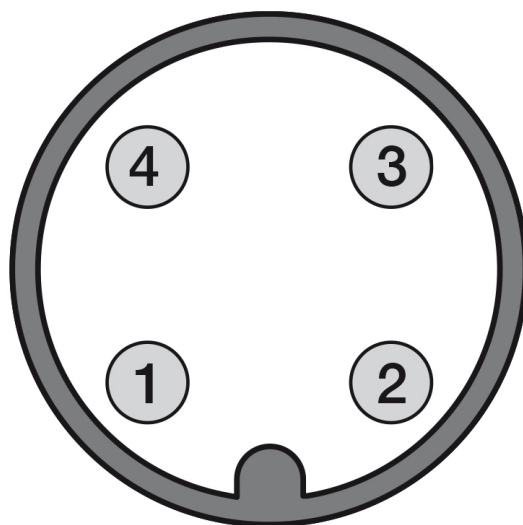
Degree of protection	IP67, IP68
Accessories	
Supplied Accessories	2 nuts M18x1
Generical Data	
Dimensions	M18 x 1 / L =62,8mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

CONNECTIONS

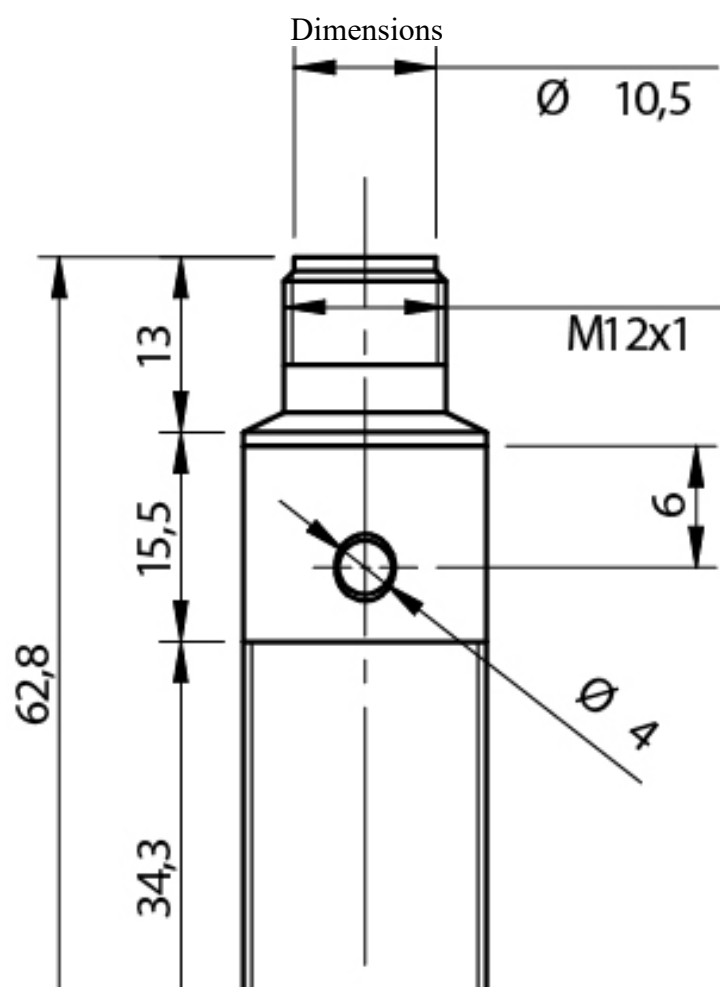
Eletrical diagram

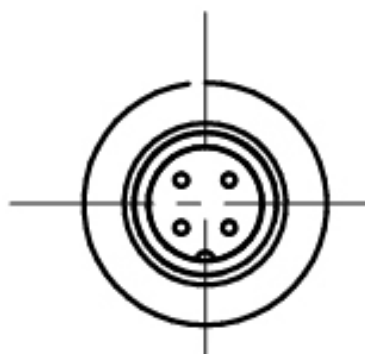
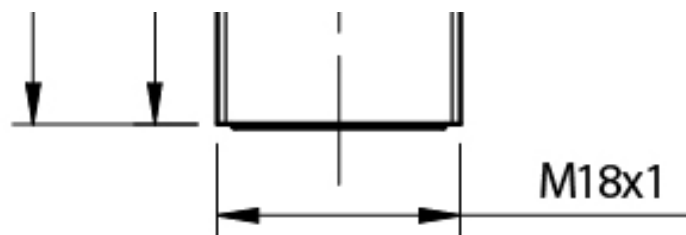


Connector

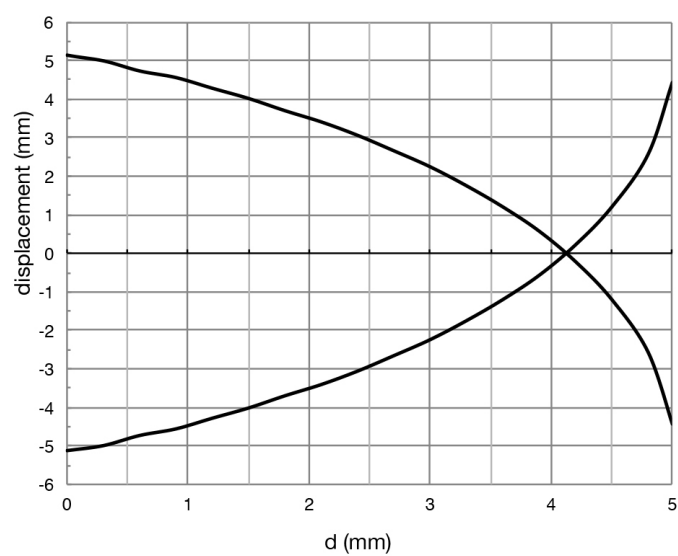


OTHERS

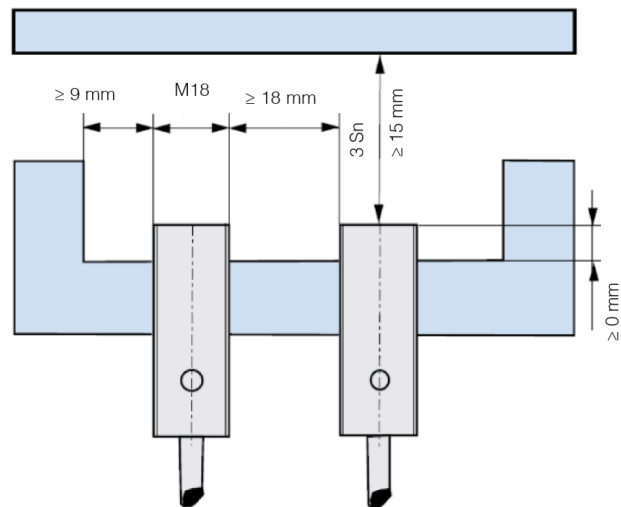




Response curves



Installation



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