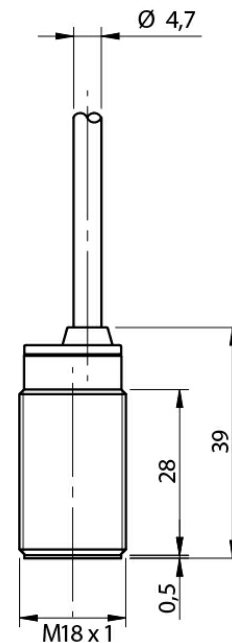


ACI18/S5POC40-2M

cylindrical inductive



Indicative image



Detection properties

Nominal sensing distance	5mm
Operanting distance	0...4mm
Standard target	18x18mm FE360
Correction Factor	copper: 0,36 / aluminium: 0,43 / brass: 0,49 / stainless steel: 0,80
Thermal drift of Sr	< 10%
Repeat Accuracy	5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Outputs

Output type	PNP
Output Function	NO + NC
Switching frequency	2,5kHz

Electrical data

Operating Voltage	10...30Vdc
No-Load supply current	≤ 10mA
Load current	≤ 400mA
Leakage current	≤ 10µA
Output voltage drop	≤ 1,5V @400mA

Max ripple content	≤10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 50ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Protection against inductive loads	Yes

Mechanical data

Mounting	Shielded
Dimensions	M18 x 1 / L = 39mm
Weight	95g
Housing Material	Nickel-plated brass
Connections	2m PVC Cable
Active Head Material	PBT
Tightening torque	25Nm
Operating temperature	-25°C...+70°C
Diameter/Dimension	M18

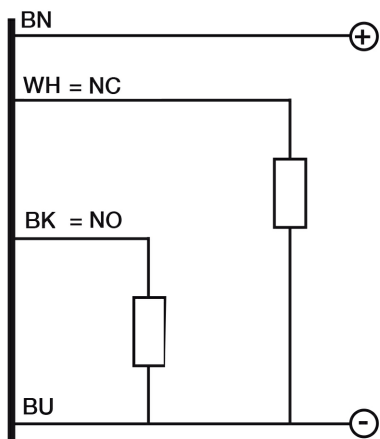
Test/Approvals

Approvals	CE UR
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
Degree of protection	IP67

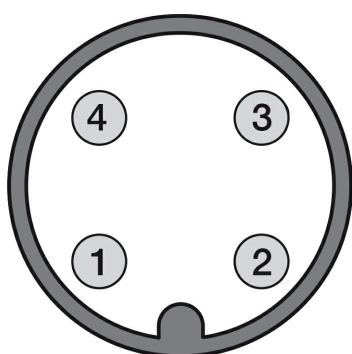
Accessories

Supplied Accessories	2 nuts M18x1
----------------------	--------------

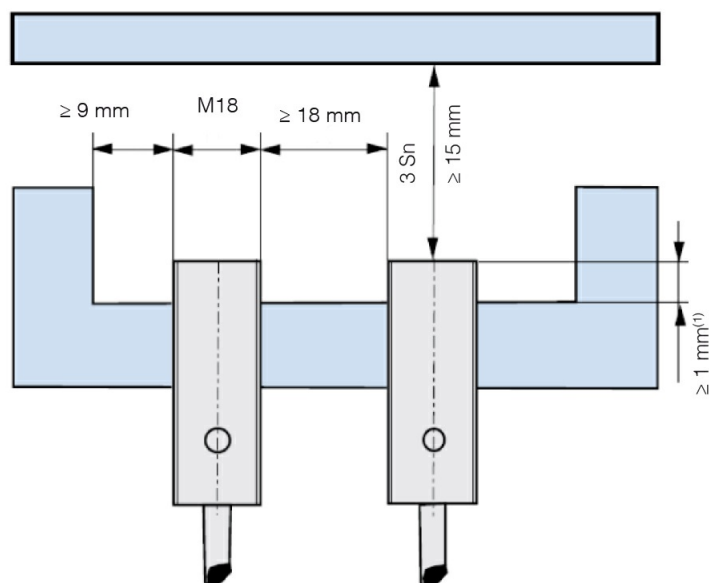
ELECTRICAL DIAGRAMS OF THE CONNECTIONS



CONNECTOR



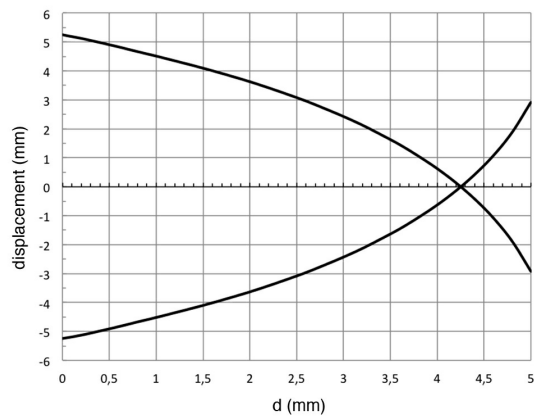
INSTALLATION



⁽¹⁾ ≥ 0 mm for non magnetic materials

RESPONSE CURVES

Parallel offset



Automation Center

41901 Woodbrook Dr CANTON, MI 48188

Phone: +1 586 383 3130

Email: contact@automationcenter.us

Website: www.automationcenter.us