



Analogue

AE1/D1-7A

Ind.M8,0-10V,Cable,Sch-LD

OVERVIEW



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0...4mm
Operanting distance	0...4mm
Standard target	12x12mm FE360
Thermal drift of Sr	±5% (0...+70°C); ±10% (-25°C...0°C)
Repeat Accuracy	0,3mm (UB 20...30Vcc/Vdc Ta=23°C ±5°C)
Resolution	≤1µm

Application

Description	M8 standard no-flush mount
Functions	Proximity
Outputs	
Output type	Analogue
Output Function	Analogue
Voltage Analogue Output	1 x 0...10V
Electrical data	
Operating Voltage	10...30Vdc
No-Load supply current	≤ 10mA
Load current	≤ 10mA
Max ripple content	≤ 20%
Time delay before availability	≤ 50ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes
Output voltage	0V - 0 + 0,4V (23°C) +5,2V ± 0,4V (23°C) +10V ± 0,4V (23°C)
Mechanical data	
Dimensions	M8 x 1 / L = 45mm
Mounting	Partially Shielded

Material	Nickel-plated brass
Housing material	Nickel-plated brass
Weight	50g
Connections	2m PVC Cable
Active Head Material	PBT
Tightening torque	3Nm
Operating temperature	-25°C...+70°C
Diameter/Dimension	M8

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

Accessories

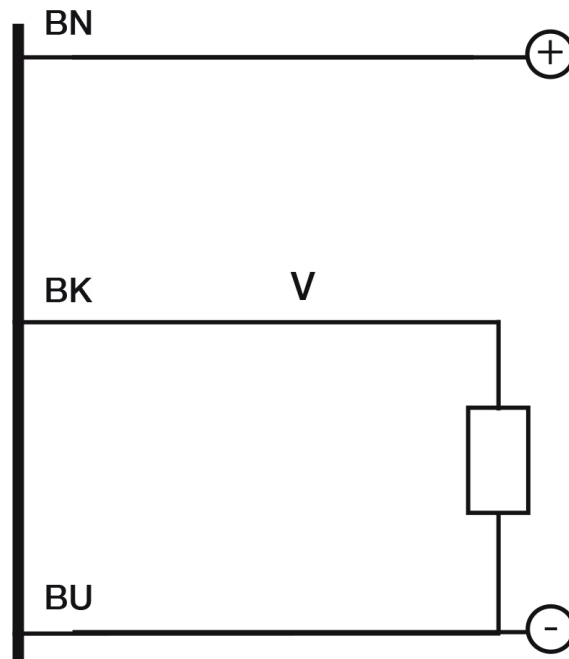
Supplied Accessories	2 nuts M8x1
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Generical Data

Dimensions	M8 x 1 / L = 45mm
Operating Temperature	-25°C...+70°C

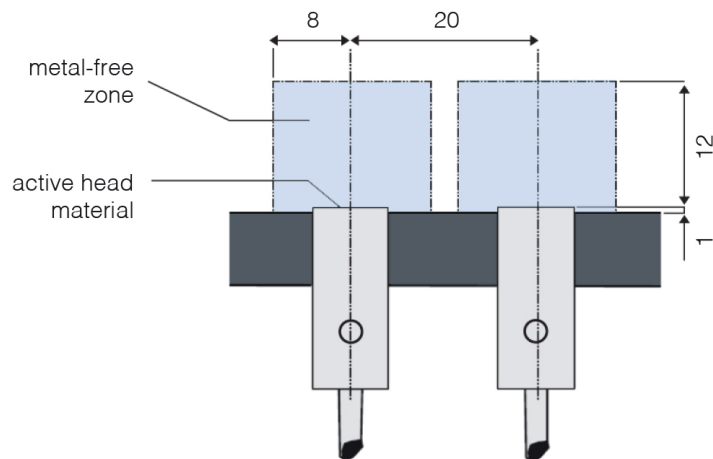
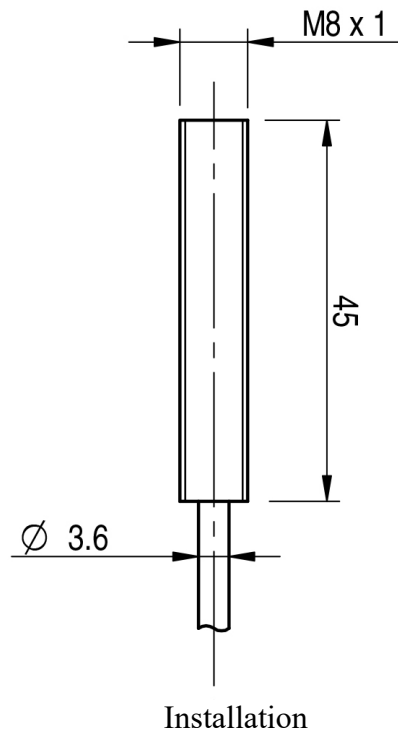
CONNECTIONS

Electrical diagram



OTHERS

Dimensions



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