

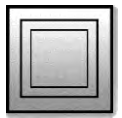
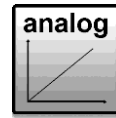
IB12C164

Inductive sensors

- / High repeatability
- / Brass housing nickel-plated
- / Cable connection



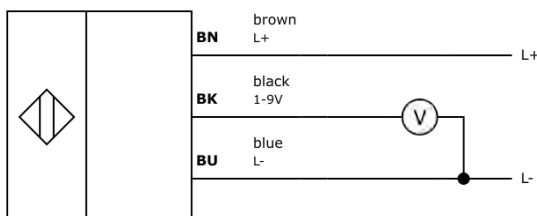
Analog output 1 ... 9V
Measuring range 0.25 ... 3mm



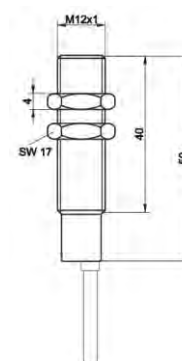
TECHNICAL DATA

Installation	Flush
Operating range	0.25 ... 3mm
Max switching frequency	500Hz
Repeatability	≤ 1%
Linearity	5%
Temperature drift	± 5%
Output circuit	Voltage output
Output signal	1 ... 9V
Gradient	2.91 V/mm
Operating voltage U_B	11 ... 35V DC
Current consumption	≤ 5mA
Residual ripple of U_B	≤ 10%
Reverse polarity protected	yes
Material (housing)	Brass nickel-plated
Material (front cap)	PCP
Dimensions	M12x1
Length (thread / total)	40mm / 50mm
EMC durability	EN 60947-5-2
Operating temperature	-25 ... +70°C
Protection class (EN 60529)	IP67
electrical connection	2m PVC cable, 3x0.14mm ²
Accessories	e.g. AY000099

Connection



Dimension drawing



SAFETY INSTRUCTIONS:

Before start-up, please make sure that all safety instructions in the product documentation, if applicable, have been observed!

In case of direct impact on personal safety, the application of these products is prohibited.