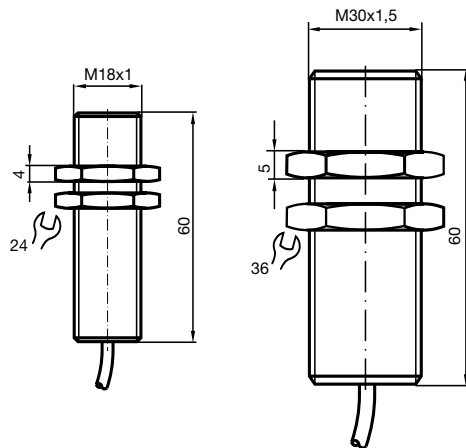


# Cylindrical Type

DC

2-wire

Inductive analog trans-  
mitter  
Output 0 ... 20 mA  
embeddable mountable



CE

<b>Measurement range</b>	<b>2 ... 5 mm</b>	<b>3 ... 8 mm</b>	
<b>Installation</b>	<b>embeddable</b>	<b>embeddable</b>	
<b>DC Breaking</b>	<b>IA5-18GM-I3</b>	<b>IA8-30GM-I3</b>	
<b>Measurement range</b>	2 ... 5 mm	3 ... 8 mm	
<b>Operating voltage <math>U_B</math></b>	15 ... 30 V	15 ... 30 V	
<b>Adjustment tolerance zero point</b>	$\pm 2$	$\pm 2$	
<b>Limit frequency (3dB)</b>	approx. 110	ca. 90	
<b>Repeat accuracy</b>	6 $\mu\text{m}$	15 $\mu\text{m}$	
<b>Output signal</b>	0 ... 20 mA	0 ... 20 mA	
<b>Load resistor</b>	0 ... 500 Ohm	0 ... 500 Ohm	
<b>Output ripple</b>	ca. $\pm 1,5$ ‰ of scale	ca. $\pm 1,5$ ‰ of scale	
<b>Temperature drift</b>	ca. $\pm 1$ ‰/K of scale	ca. $\pm 1$ ‰/K of scale	
<b>No-load supply current <math>I_0</math></b>	8 mA	8 mA	
<b>EMC in accordance with</b>	EN 60947-5-2	EN 60947-5-2	
<b>Protection degree</b>	IP67	IP67	
<b>Connection type</b>	2 m, PVC-cable	2 m, PVC-cable	
<b>Core cross-section</b>	0,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	
<b>Housing material</b>	brass, nickel plated	brass, nickel plated	
<b>Sensing face</b>	PBT	PBT	

**Connection:**

