

Analog output

Series IGA - Proximity sensors

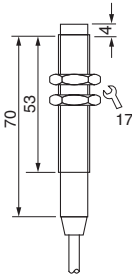
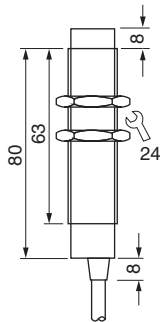
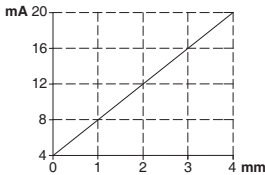
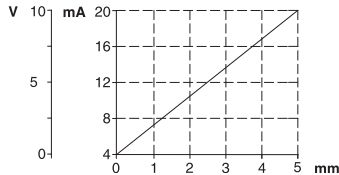
M12 / M18

Metal sleeve

0...10 V

4...20 mA



Design	M12x1		M18x1	M18x1
Dimensions				
Installation non flush (nf)				
Analog range	[mm]	0...4 nf	0...5 nf	0...5 nf
Output				
ID-No.		4...20 mA P31128	0...10 V P31040	4...20 mA P31129
Type		IGA 104 GI	IGA 005 GU	IGA 005 GI
Supply voltage	[V]	18...27 DC	18...27 DC	18...27 DC
Current consumption max.	[mA]	40	25	40
Voltage output max.	[V]	–	11	–
Output current max.	[mA]	23	–	23
Linearity deviation	[%]	10	5	5
Load resistance R _L	[kΩ]	<0.4	>2	<0.4
Ambient temperature	[°C]	–25...+70		
Temperature deviation	[%]	10		
Protection	[EN 60529]	IP 67		
Housing material		Br-Ni / PBT		
Connecting		2 m PVC-cable 3x0.34 mm ²	2 m PVC-cable 3x0.5 mm ²	
Output signal with approaching iron plate ST37				
Connection diagram	