



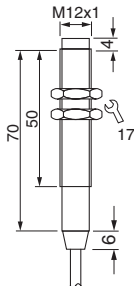
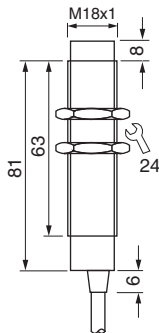
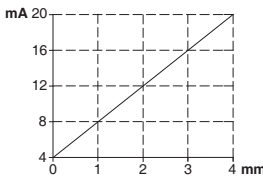
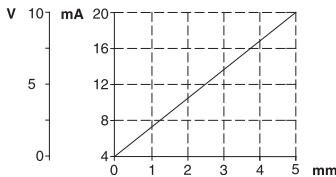
Analog output

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
Output			
	4...20 mA	0...10 V	4...20 mA
ID-No.	P31128	P31040	P31129
Type	IGA 104 GI	IGA 005 GU	IGA 005 GI
Supply voltage	[V]	18...27 DC	18...27 DC
Current consumption max.	[mA]	40	25
Voltage output max.	[V]	–	–
Output current max.	[mA]	23	23
Linearity deviation	[%]	10	5
Load resistance R _L	[kΩ]	< 0.4	< 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	