



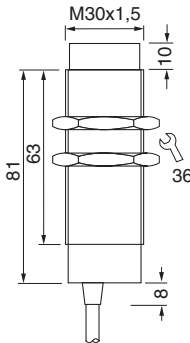
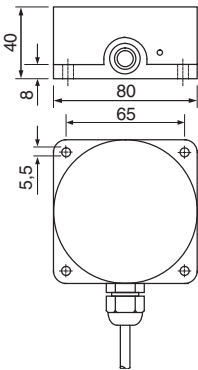
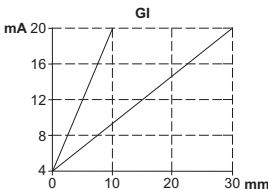
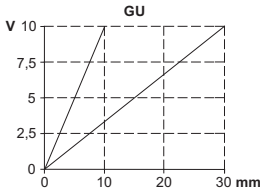
Analog output

Proximity sensors

M30
Ø 80 mm

0...10 V
4...20 mA



Design	M30x1.5		Ø 80 mm		
Dimensions					
Installation non flush (nf)					
Analog range	[mm]	0...10 nf	0...10 nf	0...30 nf	0...30 nf
Output					
		0...10 V	4...20 mA	0...10 V	4...20 mA
ID-No.		P31041	P31130	P31043	P31131
Type		IGA 010 GU	IGA 010 GI	IDA 030 GU	IDA 030 GI
Supply voltage	[V]	18...27 DC	18...27 DC	18...27 DC	18...27 DC
Current consumption max.	[mA]	25	40	25	40
Voltage output max.	[V]	11	–	11	–
Output current max.	[mA]	–	23	–	23
Linearity deviation	[%]	5			
Load resistance R _L	[kΩ]	> 2	< 0.4	> 2	< 0.4
Ambient temperature	[°C]	–25...+70			
Temperature deviation	[%]	10			
Protection	[EN 60529]	IP 67			
Housing material		Br-Ni / PBT		PBT	
Connection		2 m PVC-cable 3x0.5 mm ²			
Output signal with approaching iron plate ST37					
Connection diagram		