



# Analog output

## Proximity sensors

M30  
Ø 80 mm

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



Design	M30x1.5		Ø 80 mm	
<b>Dimensions</b>				
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 <sub>L</sub> [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 <sup>2</sup>			
Output signal with approaching iron plate ST37				
Connection diagram				