

# Inductive sensors for zone 0/20 with integrated electronics | IGEX20a 04 GSP

- Ex area of use: Zone 0 and Zone 20
- ATEX- / IECEx-certification
- External amplifier not required as no intrinsically safe supply necessary
- Explosion protection realized by type of protection "encapsulation"
- Installation and commissioning in accordance with EN 60079-14

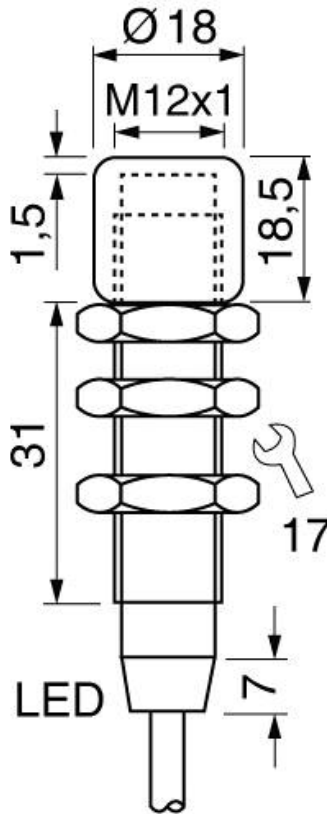


## M12x1 - sn 4 mm non flush - Output PNP-NO

<b>TYPE</b>	IGEX20a 04 GSP
<b>Product ID</b>	P31380
<b>Thread/sleeve</b>	M12x1
<b>Operating Distance sn</b>	4 mm non-flush
<b>Output</b>	switching output
<b>Output function</b>	PNP-NO
<b>Supply voltage</b>	24 VDC +/- 10 %
<b>Switching current max.</b>	50 mA
<b>Rated voltage max.</b>	27 VDC
<b>Rated current max.</b>	50 mA
<b>Ex area of use</b>	Zone 0, Zone 1, Zone 20, Zone 21
<b>ATEX Certificate</b>	EPS 17 ATEX 1 117 X
<b>IECEx Certificate</b>	IECEx EPS 17.0059X
<b>UKEX Certificate</b>	EPS 22 UKEX 1 085 X
<b>ATEX marking gas</b>	Ex II 1G Ex ma IIC T6...T3 Ga
<b>ATEX Marking dust</b>	Ex II 1D Ex ma IIIC T <sub>200</sub> 90°C Da
<b>IECEx marking gas</b>	Ex ma IIC T6...T3 Ga
<b>IECEx marking dust</b>	Ex ma IIIC T <sub>200</sub> 90°C Da
<b>Ambient temperature gas zone 0 T6</b>	-20 ... 55 °C
<b>Ambient temperature gas zone 0 T5</b>	-20 ... 55 °C

<b>Ambient temperature gas zone 0 T4</b>	-20 ... 55 °C
<b>Ambient temperature gas zone 0 T3</b>	-20 ... 55 °C
<b>Ambient temperature dust in zone 20</b>	-20 ... 55 °C
<b>Material housing</b>	stainless steel AISI 316 Ti, LCP, POM, PSU
<b>Display</b>	LED red
<b>Protection [EN 60529]</b>	IP 67
<b>Protective cap</b>	x
<b>Electrical connection</b>	2 m PUR-cable 3x0,34 mm <sup>2</sup>
<b>Note</b>	with longer cable available on request

Technical Image



Pin Map

