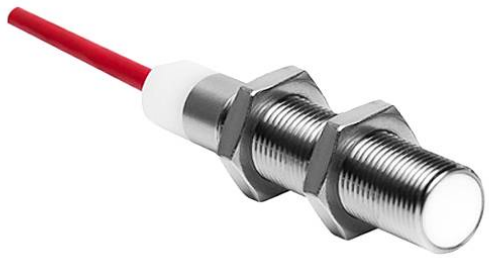
Inductive sensors for zone 0/20 with integrated electronics | IGEX20Pa 02 GSP

- 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
- For use at temperatures down to -60 °C
- Waterproof up to 30 m (IP 68)
- For use in refrigeration systems and cooling processes or the outdoor use at refineries, filling stations and platforms



M12x1 - sn 2 mm flush - Output PNP-NO

TYPE	IGEX20Pa 02 GSP
Product ID	P31385
Thread/sleeve	M12x1
Operating Distance sn	2 mm flush
Output	switching output
Output function	PNP-NO
Supply voltage	24 V DC +/- 10 %
Switching current max.	50 mA
Rated voltage max.	27 V DC
Rated current max.	50 mA
Ex area uf use	Zone 0, Zone 1, Zone 20, Zone 21
ATEX Certificate	EPS 17 ATEX 1 117 X
IECEx Certificate	IECEx EPS 17.0059X
UKEX Certificate	EPS 22 UKEX 1 085 X
ATEX marking gas	Ex II 1G Ex ma IIC T6...T3 Ga
ATEX Marking dust	Ex II 1D Ex ma IIIC T_{200}90°C Da
IECEx marking gas	Ex ma IIC T6...T3 Ga
IECEx marking dust	Ex ma IIIC T_{200}90°C Da

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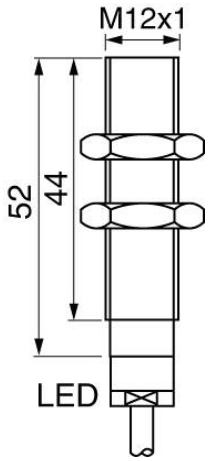
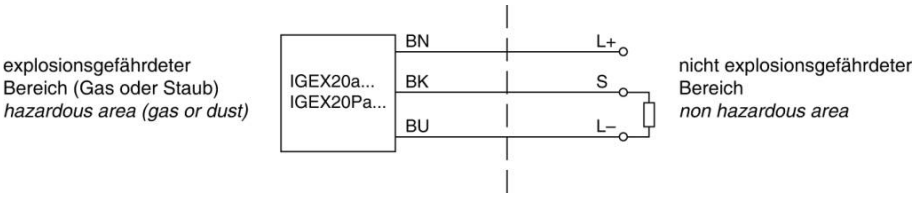
Ambient temperature gas zone 0 T6	-60 °C ... 55 °C
Ambient temperature gas zone 0 T5	-60 °C ... 55 °C
Ambient temperature gas zone 0 T4	-60 °C ... 55 °C
Ambient temperature gas zone 0 T3	-60 °C ... 55 °C
Ambient temperature dust in zone 20	-60 °C ... 55 °C
Material housing	stainless steel AISI 316 Ti, POM, PTFE, PVDF
Display	LED yellow
Protection [EN 60529]	IP 68 (3 bar)
Electrical connection	2 m FEP-cable 3x0.34 mm²
Note	with longer cable available on request

Technical Image



Pin Map



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