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



M12x1 - sn 2 mm flush - Output PNP-NO

TYPE	IGEX20a 02 GSP
Product ID	P31379
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
Ambient temperature gas zone 0 T6	-20 °C ... 55 °C
Ambient temperature gas zone 0 T5	-20 °C ... 55 °C

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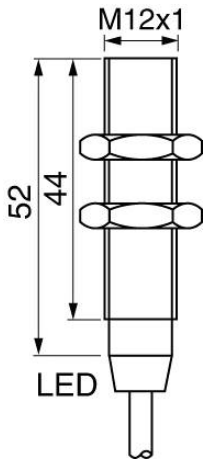
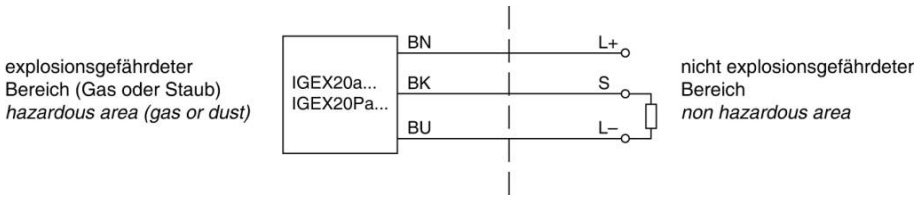
Ambient temperature gas zone 0 T4	-20 °C ... 55 °C
Ambient temperature gas zone 0 T3	-20 °C ... 55 °C
Ambient temperature dust in zone 20	-20 °C ... 55 °C
Material housing	stainless steel AISI 316 Ti, LCP, POM, PSU
Display	LED red
Protection [EN 60529]	IP 67
Electrical connection	2 m PUR-cable 3x0,34 mm²
Note	with longer cable available on request

Technical Image



Pin Map



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