

Capacitance level switch CapFox® ENT 21

Ordering data

DG: H, PG: 4

1 Capacitance level switch

56560 CapFox® ENT 21

2 Probe type / probe length / application

05	Compact probe rigid with PPS partial insulation, ENT 21 MK, 50 mm, for non-conductive media
10	Compact probe rigid with PPS partial insulation, ENT 21 MK, 100 mm, for non-conductive media
20	Mono probe rigid with FEP partial insulation, ENT 21 MS, 100–2,000 mm, for non-conductive media
21	Mono probe rigid with FEP insulation ENT 21 MS, 100–2,000 mm, for conductive media and food
22	Mono probe rigid with PFA insulation, ENT 21 MS, 100–2,000 mm, for conductive, corrosive media
60	Mono probe flexible, with weight Ø 22 mm, ENT 21 MF, 1,000–6,000 mm, for bulk solids

3 Temperature range

ST	Standard for max. flange temperature t_b 85 °C (Ex version 75 °C)
HT	High temperature version for max. flange temperature t_b 300 °C

4 Probe length (L) Extra charge for each 100 mm probe length for lengths > 1,000 mm

2000	Length in mm, e.g. 2,000 mm
	Rigid mono probe, partially insulated for ENT 21 MS
	Rigid mono probe with FEP insulation for ENT 21 MS – 21
	Rigid mono probe with PFA insulation for ENT 21 MS – 22
	Flexible mono probe without insulation for ENT 21 MF

5 Process connection

1	G1B
2	G¾B
3	¾ NPT
4	Tri-Clamp DIN 32676, Ø 34 mm
5	Tri-Clamp DIN 32676, Ø 50.5 mm

6 Electrical connection Extra charge for cable lengths > 2 m, see accessories table

A	Short stainless steel cable gland
B	Plastic cable gland M12 x 1.5
C	Connector M12 x 1, 4-pin
D	Dust-tight cable gland (ATEX)

7 Output signal

01	3-wire PNP / DC 9–34 V
02	3-wire NPN / DC 9–34 V
EX	EN 60947 (NAMUR) / DC 8 V (gas and dust Ex) $U_i = 12$ V; $i_i = 15$ mA; $P_i = 45$ mW; $C_i = 15$ nF; $L_i = 10$ µH
MEX	EN 60947 (NAMUR) / DC 8 V (mining) $U_i = 12$ V; $i_i = 15$ mA; $P_i = 45$ mW; $C_i = 15$ nF; $L_i = 10$ µH

Ordering code example

56560	05	ST	1000	1	A	01
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Accessories	DG	PG	Part no.
Magnetic pin MP-8	H	4	56227
Extra charge per metre PVC cable, grey (3 x 0.5 mm²)	H	4	On request
Extra charge per metre PVC cable, blue (2 x 0.75 mm²)	H	4	On request

Blue part no. = in-stock items