

Guided micropulse level indicators

PulsFox® PMG 20

Ordering data

DG: H, PG: 4

1 Guided micropulse level indicator

56540 PulsFox® PMG 20

2 Probe type / process connection / max. measuring range

00	Mono probe without electrode, PMG 20 MO, G1B, probe connection M8 female thread Electrode provided by customer, probe length max. 40,000 mm
20	Mono probe rigid without insulation, PMG 20 MS, G1B, max. 3,000 mm
21	Mono probe with partially insulated probe, PMG 20 MS, G1B, max. 3,000 mm
22	Mono probe rigid with PFA insulation PMG 20 MS, G1B, max. 2,000 mm
23	Mono probe rigid with FEP insulation PMG 20 MS, G1B, max. 2,000 mm
40	Coax probe, PMG 20 KX, G1B, max. 3,000 mm
60	Mono probe flexible, without insulation, with weight Ø 30 mm, PMG 20 MF, G1B, max. 40,000 mm
61	Mono probe flexible, with FEP insulation and weight Ø 29 mm (PTFE insulation), PMG 20 MF, G1B, max. 12,000 mm
62	Mono probe flexible, without insulation, with mounting eyelet, PMG 20 MF, G1B, max. 40,000 mm
63	Mono probe flexible, with PA insulation and mounting eyelet (not insulated), PMG 20 MF, G1B, max. 40,000 mm

3 Display/temperature range

D	With local display, housing cover with window
HTD	High temperature version with local display, housing cover with window (flange temperature: MS + KX up to 200 °C; MF up to 130 °C)
O	Without local display, housing cover without window
HTO	High temperature version without local display, housing cover without window (flange temperature: MS + KX up to 200 °C; MF up to 130 °C)

4 Probe lengths (L) Extra charge for each metre probe length for lengths > 2,000 mm

02000	Length in mm, e.g. 2,000 mm
	Rigid mono probe without insulation for PMG 20 MS
	Rigid, partially insulated mono probe for PMG 20 MS
	Coax electrode for PMG 20 KX
	Flexible mono probe without insulation for PMG 20 MF
	Flexible mono probe with FEP insulation or PFA insulation for PMG 20 MF
	Flexible mono probe with PA insulation for PMG 20 MF

5 Process connection

1	G1B
3	Tri-Clamp 1" (only possible with probe types 22, 23 and 61)

6 Output signal / interface

01	4–20 mA + HART / 2-wire / DC 18–36 V
02	RS-485 Modbus RTU
EX	4–20 mA (ia) + HART / 2-Leiter / DC 18–28 V U _i = 30 V DC; I _i = 132 mA; P _i = 0.99 W; C _i = 370 nF; L _i = 0.9 mH; T _{amb} = –30 °C ≤ T _a ≤ +70 °C

Ordering code example

56540	22	D	01500	1	01
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Accessories	DG	PG	Part no.
Programming display/local display PD 20 UST/PMG	H	4	56225
Housing cover with window	H	4	56224
Housing cover without window	H	4	56226

Blue part no. = in-stock items