



Cerabar M PMP 51



Digital pressure transmitter

with piezoresistive measuring cell and metal welded process isolating diaphragm
Compact device with integrated measuring transducer, connection male thread G 1/2" ISO 228-1

Properties deviating from default configuration: offer on request

Approval / certification (partly for an additional charge) – extract:

Ex-approval ATEX / FM / CSA (please observe your national provisions)

PED 97/23/EG

Audit certificate in accordance with EN 10204 - 3.1 / AD2000

NACE MR0175; COC-ASME BPE; SIL; NSF-approval drinking water

Measuring range: -1 ... 400 bar / TD 1:20 (**Measuring range specified when ordering**)

Accuracy: ± 0,15 %; on request: platinum-version ± 0,075 %

Output: 4 ... 20 mA; on request: HART, profibus PA, foundation fieldbus

Supply voltage: 4 ... 20 mA; on request HART: 11,5 ... 45 V DC; Ex ia: 11,5 ... 30 V DC;
on request profibus PA / foundation fieldbus: 9 ... 32 V DC

Temperature: medium: -40 ... +100 °C environment: -40 ... +85 °C

Predetection: IP66 / IP67 / NEMA6P; with Harting-connector: IP65 / NEMA 4X

Body: stainless steel AISI 316L [1.4404]

optional: die-casting-aluminium with powder-protective coating

Connection: G 1/2" (ISO 228-1); AISI 316L [1.4404]; on request alloy C276 [2.4819]

Optional (Extract) dig. display, interfaces

Order code

Order code	Measuring range
DMU-PMP51-1K9	0 ... 2,5
DMU-PMP51-1D7	0 ... 3,0
DMU-PMP51-1J5	0 ... 4,0
DMU-PMP51-139	0 ... 10
DMU-PMP51-101	0 ... 16
DMU-PMP51-115	0 ... 20
DMU-PMP51-187	0 ... 25
DMU-PMP51-156	0 ... 30
DMU-PMP51-1C3	0 ... 32
DMU-PMP51-142	0 ... 40

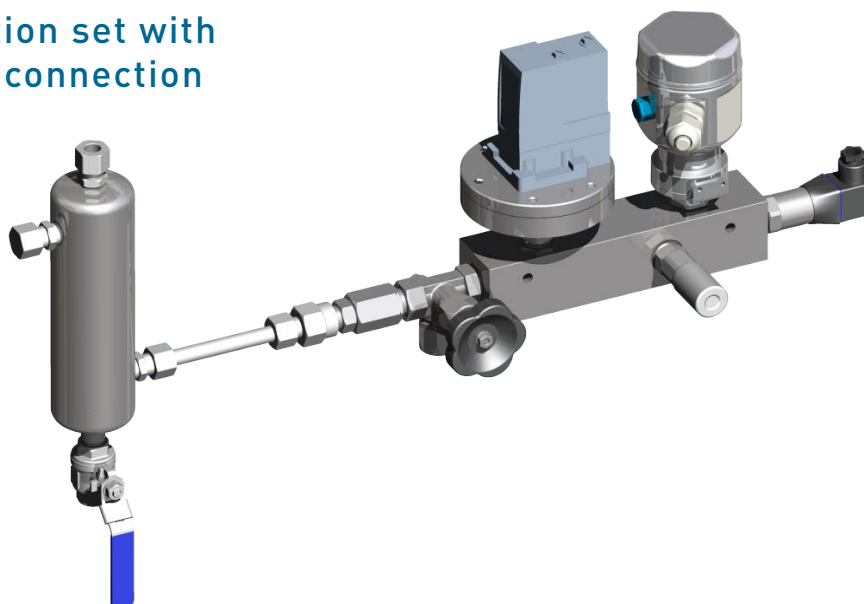
* Measuring range

Measuring range (min. / max.) specified when ordering. Measuring range shall factory-made adjusted and set.

Default configuration (variations on request):

Approval	AA	variant for Ex-free area
Output	1	4 ... 20 mA analog
Display, Handling	2	without display, analog electronic insert
Body	Q	F15 stainless steel - hygiene -
Electric Connection	A	screw connection M20, IP66 / 68 NEMA4X / 6P
Measuring range*	1S	-1 ... 40 bar
Accuracy	G	standard (± 0,15 %)
Calibration, Unit	J	customer-specific modified pressure range [bar]
Process connection	GRJ	threaded ends ISO 228 G 1/2", 316L, front-flush
Process diaphragm	A	316L [1.4404]
Fill fluid	1	silicone oil

Sedimentation set with calibration connection



NEW