PFT
Pressure Transmitter

Type
S Standard
F Front-flush membrane

Pressure type
R Gauge
A Absolute
C Compound

Pressure Unit
B bar
M MPa
P psi
K kg/cm2
A mbar

Standard measurement range acc. to data sheet
Special measurement range 800…1200 mbar absolute (extra charge on option absolute pressure, see above)
Special measurement range -1…30 bar (extra charge on compound, see above)[1)]

Accuracy
S +/- 0.5 accuracy, % of Span (BFSL)
A +/- 0.25 accuracy, % of Span (BFSL) [2)]

Process Connector
G1 G 1/4 A according to DIN 3852-E
G2 G 1/4 female
GD G 1/2 B acc. to EN 837
N1 1/4" NPT
M2 M20 x 1.5
U1 7/16"-20 UNF SAE #4 J514 male
R1 R 1/4 ISO 7 (DIN2999)
F1 G 1 B flush-mounted with O-ring [3)]
F2 G 1/2 B flush-mounted with O-ring [4)]

Pressure Port
S Standard
N 0.3 mm pressure port (for process connector G 1/4 acc. to DIN 3852E)
M 0.6 mm pressure port (for process connector G 1/4 acc. to DIN 3852E)

Process Temperature
S -30... +100degC
E -40... +125degC (for standard membran)
H -20... +150degC (for flush-mounted membran)

Sealing
A with standard mebrane without sealing
S with flush-mounted membrane: wetted parts: CrNi-steel + NBR O-Ring [5)]
C with flush-mounted membrane: wetted parts: CrNi-steel + FPM/FKM O-Ring

Output Signal
A 4...20 mA, 2-wire
V 0...10V, 3-wire
U 0...5V, 3-wire

Electrical Connector
M M12 x 1, 4-pin
L L-connector DIN EN 175301-803 A, IP 65
1 flying leads, 1.5 m, IP 67
3 3 flying leads, 3 m, IP 67
4 flying leads, 1.5 m, IP 68 (zero and span not adjustable)
5 flying leads, 3 m, IP 68 (zero and span not adjustable)

Supply Voltage
S Supply voltage not configurable

Certificates

Design specifics
Z without design specifics
F Free from oil and grease [1)]

PFT-												S	S	

1) Not available for flush-mounted membrane
2) Only for p ≥ 0,25 bar
3) Only for p ≤ 1,6 bar
4) Only for p ≥ 2,0 bar
5) Only for process temperature -30…100°C