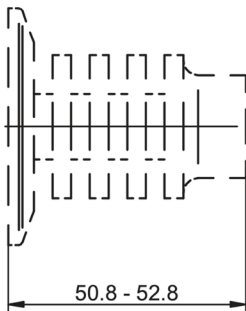


PBMH hygienic

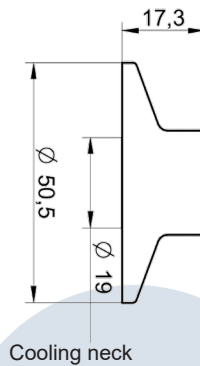
PBMH hygienic Pressure Transducer



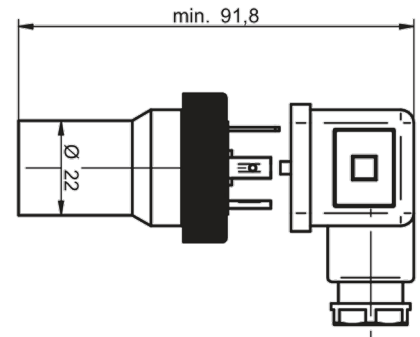
- + Flush membrane with hygienic approval
- + SIP/CIP compatible
- + 3-A and EHEDG certified
- + Surface roughness of process connection $\leq 0.8 \text{ Ra}$
- + Compact design
- + Excellent temperature characteristics



Tri-Clamp $\varnothing 50.5$,
membrane $\varnothing 19 \text{ mm}$



Cooling neck



Housing with connector
DIN EN 175301-803 A
(DIN 43650 A), 4-pin

Pressure range 0 to 5 BarA

Accuracy
(linearity, hysteresis and
repeatability)

0.1% FS

Maximum medium temperature range

-40 ... +125 °C (without cooling neck)
-40 ... +200 °C (with cooling neck)

SIP / CIP compatible

Medium temperature up to 150 °C (< 60 minutes) without cooling neck
Medium temperature up to 200 °C (permanent) with cooling neck

Zero thermal drift
Span thermal drift

$\leq \pm 0.03\% \text{ FS}/10 \text{ K}$
 $\leq \pm 0.03\% \text{ FS}/10 \text{ K}$

Annual stability
Response time (10-90%)

0.1 % FS
 $\leq 5 \text{ ms}$

Protection rating

IP65 (EN 60529) up to IP67 (depending on electrical connection)

Output signal/Power Supply

0...10 V / 13 ... 30 VDC

Order Reference

PBMH25

Standard Calibration Points

hysteresis at 23°C and 130°C:

- 0.05 BarA
- 0.50 BarA
- 1.00 BarA
- 1.50 BarA
- 2.00 BarA
- 2.50 BarA
- 3.00 BarA
- 3.50 BarA
- 4.00 BarA
- 4.50 BarA
- 5.00 BarA

