

# Pressure gauge transducers

**Economical**



INOX

## Pressure gauge transducers

**up to 0.25% of the span**

**Application:** For general applications

**Materials:** Housing: AISI 304, measured material touching parts: AISI 304/ceramic ( $\geq 100$  bar: AISI 304/630), FKM

**Temperature range:** Measured material temperature:  $-20^{\circ}\text{C}$  to max.  $+125^{\circ}\text{C}$  ( $\geq 100$  bar:  $-40^{\circ}\text{C}$  to max.  $+125^{\circ}\text{C}$ ), ambient temperature:  $-20^{\circ}\text{C}$  to max.  $+85^{\circ}\text{C}$  ( $\geq 100$  bar:  $-30^{\circ}\text{C}$  to max.  $+100^{\circ}\text{C}$ )

**Protection class:** IP 65

**Connection:** G 1/4"

**Power supply:** 10-30 V DC, elbow plug DIN 43560/EN 175301-803 (size 3, 4-pin)

**Output signal:** 4...20 mA two-terminal

**Non-linearity:** 0.25% (1000 bar: 0.5%) of the span (BFSL)

Type	Measuring range	Type	Measuring range
DMUB -10,6	for vacuum -1/0.6 bar	DMUB 40	0/40 bar
DMUB 1,6	0/1.6 bar	DMUB 60	0/60 bar
DMUB 2,5	0/2.5 bar	DMUB 100	0/100 bar
DMUB 4	0/4 bar	DMUB 160	0/160 bar
DMUB 6	0/6 bar	DMUB 250	0/250 bar
DMUB 10	0/10 bar	DMUB 400	0/400 bar
DMUB 16	0/16 bar	DMUB 600	0/600 bar
DMUB 25	0/25 bar	DMUB 1000	0/1000 bar

\* with centring pin for profiled seal

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## Pressure gauge transducers

**0.5% of the span**

**Application:** For general applications

**Materials:** Housing: AISI 316L, measured material touching parts: AISI 316L

**Temperature range:** Measured material temperature:  $0^{\circ}\text{C}$  to max.  $+80^{\circ}\text{C}$ , ambient temperature:  $0^{\circ}\text{C}$  to max.  $+80^{\circ}\text{C}$

**Protection class:** IP 65

**Connection:** G 1/4" (with elastomer seal)

**Power supply:** 8-30 V DC, elbow plug DIN 43560/EN 175301-803 (size 3, 4-pin)

**Output signal:** 4...20 mA two-terminal

**Non-linearity:** 0.5% of the span (BFSL)

Type	Measuring range	Type	Measuring range
DMUB 1 ES	0/1 bar	DMUB 40 ES	0/40 bar
DMUB 1,6 ES	0/1.6 bar	DMUB 60 ES	0/60 bar
DMUB 2,5 ES	0/2.5 bar	DMUB 100 ES	0/100 bar
DMUB 4 ES	0/4 bar	DMUB 160 ES	0/160 bar
DMUB 6 ES	0/6 bar	DMUB 250 ES	0/250 bar
DMUB 10 ES	0/10 bar	DMUB 400 ES	0/400 bar
DMUB 16 ES	0/16 bar	DMUB 600 ES	0/600 bar
DMUB 25 ES	0/25 bar		

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**Robust**



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## Pressure gauge transducers

**0.25% of the span**

**Application:** For general applications

**Materials:** Housing: AISI 316Ti, measured material touching parts: AISI 316L

**Temperature range:** Measured material temperature  $-30^{\circ}\text{C}$  to max.  $+100^{\circ}\text{C}$ , ambient temperature:  $-30^{\circ}\text{C}$  to max.  $+100^{\circ}\text{C}$

**Protection class:** IP 65

**Connection:** G 1/2"

**Power supply:** 8-36 V DC, elbow plug DIN 43560/EN 175301-803 (size 3, 4-pin)

**Output signal:** 4...20 mA two-terminal

**Non-linearity:** 0.25% of the span (BFSL)

Type	Measuring range	Type	Measuring range
DMU -1 ESB	for vacuum -1/0 bar	DMU 40 ESB	0/40 bar
DMU 0,4 ESB	0/0.4 bar	DMU 60 ESB	0/60 bar
DMU 1 ESB	0/1 bar	DMU 100 ESB	0/100 bar
DMU 4 ESB	0/4 bar	DMU 160 ESB	0/160 bar
DMU 6 ESB	0/6 bar	DMU 250 ESB	0/250 bar
DMU 10 ESB	0/10 bar	DMU 400 ESB	0/400 bar
DMU 16 ESB	0/16 bar	DMU 600 ESB	0/600 bar
DMU 25 ESB	0/25 bar		

\* with centring pin for profiled seal

**Adjustable zero**



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## Pressure gauge transducers

**0.2% of the span**

**Application:** For general applications, adjustable zero and span

**Materials:** Housing and measured material touching parts: AISI 316Ti

**Temperature range:** Measured material temperature:  $-30^{\circ}\text{C}$  to max.  $+100^{\circ}\text{C}$ , ambient temperature:  $-20^{\circ}\text{C}$  to max.  $+80^{\circ}\text{C}$

**Protection class:** IP 65

**Connection:** G 1/2"

**Power supply:** 10-30 V DC, elbow plug DIN 43560/EN 175301-803 (size 3, 4-pin)

**Output signal:** 4...20 mA two-terminal

**Non-linearity:** 0.2% of the span (BFSL)

Type	Measuring range	Type	Measuring range
DMU -1 ES	for vacuum -1/0 bar	DMU 16 ES	0/16 bar
DMU 0,25 ES	0/0.25 bar	DMU 25 ES	0/25 bar
DMU 0,4 ES	0/0.4 bar	DMU 40 ES	0/40 bar
DMU 0,6 ES	0/0.6 bar	DMU 60 ES	0/60 bar
DMU 1 ES	0/1 bar	DMU 100 ES	0/100 bar
DMU 1,6 ES	0/1.6 bar	DMU 160 ES	0/160 bar
DMU 2,5 ES	0/2.5 bar	DMU 250 ES	0/250 bar
DMU 4 ES	0/4 bar	DMU 400 ES	0/400 bar
DMU 6 ES	0/6 bar	DMU 600 ES	0/600 bar
DMU 10 ES	0/10 bar	DMU 1000 ES	0/1000 bar

\* with centring pin for profiled seal

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at  $+20^{\circ}\text{C}$ .