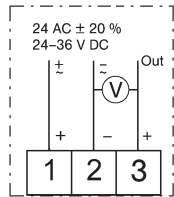


Moduflex · Type series F + ED 3

Pressure transmitter, mechanical-inductive for liquid and gaseous media

Connection diagram



ED 3

Output signal 0–10 V

Pressure transmitter in 3-wire-system

- with output signal 0–10 V and 0–20 mA
- output signal can be reversed
- LED-display AZ 331 optional

The sensor module contains the electrical connectors for power supply and output signal for all plugged modules, i.e. Display module AZ 331.

The nominal ranges can be reduced to the below mentioned smallest settable working ranges by recalibration.

Technical data

Mode of action	mechanical-inductive
Sensor element	Pressure bellows or membrane
Pressure connection	G 1/2" outside and G 1/4" inside For types FH...G 1/4" inside
Cable entry	2 x Pg 11
Degree of protection	IP 65 (together with other modules and/or with Lid)
Installation	Directly on the pressure line or wall mounting with 2 screws 4 mm Ø
Accuracy class	1.0



Pressure FN... + ED 3

Working range (nominal range) $P_o - P_n$	Smallest settable working range (approx. values)	Max. allowable pressure	Sensor- material	Type
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Overpressure

0 – 50 mbar	20 mbar	2.5 bar	Stainless steel 1.4104 + 1.4571	FN 505 + ED 3
0 – 100 mbar	25 mbar	5 bar		FN 510 + ED 3
0 – 250 mbar	65 mbar	6 bar		FN 025 + ED 3
0 – 500 mbar	125 mbar	6 bar		FN 05 + ED 3
0 – 1 bar	250 mbar	6 bar		FN 1 + ED 3
0 – 2.5 bar	0.7 bar	16 bar		FN 3 + ED 3
0 – 6 bar	3 bar	18 bar		SN 6-311*
0 – 10 bar	5 bar	30 bar		SN 10-311*
0 – 25 bar	12.5 bar	70 bar		SN 25-311*
0 – 40 bar	20 bar	80 bar		SN 40-311*

* piezoresistive sensor

Differential pressure

0 – 500 mbar	125 mbar	10 bar	Stainless steel 1.4305 + 1.4571	FHBN 05 + ED 3
0 – 1 bar	250 mbar	15 bar		FHBN 1 + ED 3
0 – 2.5 bar	0.7 bar	15 bar		FHBN 3 + ED 3
0 – 5 bar	1.25 bar	15 bar		FHBN 5 + ED 3
0 – 10 bar	2.5 bar	25 bar		FHBN 10 + ED 3

Accessories

- LED display module, to be plugged on **AZ 331**
- Programmable display **APV 630**

For differential pressure

- Valve combination **VKD 3, VKD 5**
- Male adapter union **MAU 8**



Differential pressure
FHBN... + ED 3