

## Pressure and Differential Pressure Transmitter (404304)

Feature: for non-aggressive gases

- 0 to 0.5 -- 0 to 1000 mbar relative / differential pressure
- 0 to 800 -- 0 to 1200 mbar barometric
- Maintenance-free measuring system: inductive
- Medium temperature: -10 to +50 °C
- Characteristic line: linear or root extracted
- Adjustment of zero point and measuring range possible



### Order details

<b>(1) Basic type</b>	
404304/000	Pressure transmitter with inductive measuring system
404304/011	Pressure transmitter with one contact
404304/012	Pressure transmitter with two contacts
404304/013	Pressure transmitter with LCD 3 1/2-digit
404304/014	Pressure transmitter with one contact and LCD 3 1/2-digit
404304/015	Pressure transmitter with two contacts and LCD 3 1/2-digit
<b>(2) Input</b>	
448	-1 to 1 mbar relative pressure
396	0 to 10 Pa
397	0 to 20 Pa
398	0 to 30 Pa
399	0 to 40 Pa
400	0 to 0.5 mbar relative pressure
401	0 to 0.6 mbar relative pressure
402	0 to 1 mbar relative pressure
403	0 to 1.6 mbar relative pressure
404	0 to 2.5 mbar relative pressure
405	0 to 4 mbar relative pressure
406	0 to 5 mbar relative pressure
407	0 to 6 mbar relative pressure
408	0 to 10 mbar relative pressure
409	0 to 16 mbar relative pressure
410	0 to 25 mbar relative pressure
411	0 to 40 mbar relative pressure
412	0 to 50 mbar relative pressure
413	0 to 60 mbar relative pressure
414	0 to 100 mbar relative pressure
415	0 to 160 mbar relative pressure
416	0 to 200 mbar relative pressure
417	0 to 250 mbar relative pressure
418	0 to 500 mbar relative pressure
419	0 to 600 mbar relative pressure
451	0 to 0.25 bar relative pressure
454	0 to 1 bar relative pressure
423	800 to 1000 mbar absolute pressure
422	800 to 1200 mbar absolute pressure
421	900 to 1100 mbar absolute pressure
420	950 to 1050 mbar absolute pressure
488	0 to 1 bar absolute pressure
999	Special measuring range relative pressure
<b>(3) Output</b>	
402	0 to 20 mA 3-wire
403	0 to 20 mA 3-wire square root
404	4 to 20 mA 2-wire square root
405	4 to 20 mA 2-wire
406	4 to 20 mA 3-wire

407	4 to 20 mA 3-wire square root
415	0 to 10 V 3-wire
416	0 to 10 V 3-wire square root
451	0 to 20 mA 3-wire extended setting time
452	0 to 20 mA 3-wire extended setting time square root
453	4 to 20 mA 2-wire extended setting time
454	4 to 20 mA 3-wire extended setting time
455	4 to 20 mA 3-wire extended setting time, square root
456	0 to 10 V 3-wire extended setting time
457	0 to 10 V 3-wire extended setting time square root
<b>(4) Voltage supply</b>	
02	AC 230 V -10/+6%,50..60Hz
05	AC 115 V -10 / +6 %, 50...60 Hz
08	AC 24 V -10 / +6 %, 50...60 Hz
27	DC12..32 V (for output 4...20 mA 2-wire)
28	DC19..31V ± 0 %
<b>(5) Process connection</b>	
296	Compression fitting 8 mm
298	Hose connection ø 6,6 x 11 mm
<b>(6) Calibration certificate</b>	
j	With calibration certificate
n	Without calibration certificate (stand.)

**Order code**

(1)	(2)	(3)	(4)	(5)	(6)

**Order details – further information**
**Basic type extension 011, 012, 014, 015**

Measuring devices with the above mentioned basic type extensions are not available with the root extracted outputs (403, 407, 416, 452, 455, 457) and two-wire outputs (405, 453) nor with voltage supply 27.

**Inputs 396, 397, 398, 399**

Measuring devices with the above mentioned inputs are not available with two-wire outputs (405, 453) nor with voltage supply 27. The case dimensions are 122 x 120 x 75 mm. An automated zero-point setting is possible.

**Inputs 420, 421, 422, 423**

These inputs are for barometric pressure measurement (if required, state altitude above standard zero).


**Stock versions**

Order code	Part no.
404304/000-408-405-27-298	00382800
404304/000-410-405-27-298	00384775

**Accessories**

Description	Part no.
Calibration of the mechanical measurand, pressure on site (also DAkkS)	00758363