



699.931014010

Differential pressure transmitter

Type 699 transmitters are available in switchable pressure ranges, with or without digital display. They include customer specific adjustment possibilities. Specially developed sensors for each pressure range ensure accurate long term stable measurement and provide the perfect platform for use in air conditioning technology.

- Fast, easy mounting. (*housing incorporates integral wall or ceiling mount bracket*)
- Switchable response curve (*linear or root-extracted*)
- Adjustable measurement range
- Switchable output signals
- Resettable Zero Point (*reset button*)
- Full scale adjustable

Application fields

- Measuring slightest differential pressures in ventilation and air conditioning ducts
 - Check air flows
 - Monitor filters and fan systems
- Pressure supervision in labs, production, storage and clean rooms

type	pressure range (mbar) ¹⁾	supply VDC	output DC ²⁾	electrical connection ³⁾	description	pressure connection ⁴⁾
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Type 699 - Differential pressure transmitter (H) 75 x (W) 92 x (D) 47.9 mm

- Medium: Air and neutral gases - temperature range: 0 ... 70 °C
- Response time: < 20 ms
- Output: 4 ... 20 mA²⁾ (*others available on request 0 ... 5/10V*)
- Degree of protection: IP54 according to EN 60529
- Conformity: EN 61326-1, UL 60730-1, UL 60730-2-6

699.931014010	0.3/0.5/1	13 - 33	4 - 20 mA	screw term.	transmitter	Ø6.2 mm
699.913014010	1/3/5	13 - 33	4 - 20 mA	screw term.	transmitter	Ø6.2 mm
699.915014010	5/10/16	13 - 33	4 - 20 mA	screw term.	transmitter	Ø6.2 mm
699.931011010	0.3/0.5/1	13 - 33	0 - 10V	screw term.	transmitter	Ø6.2 mm
699.913011010	1/3/5	13 - 33	0 - 10V	screw term.	transmitter	Ø6.2 mm
699.915011010	5/10/16	13 - 33	0 - 10V	screw term.	transmitter	Ø6.2 mm

As above with LCD Digital display

699.931024110	0.3/0.5/1	13 - 33	4 - 20 mA	screw term.	transmitter	Ø6.2 mm
699.913024110	1/3/5	13 - 33	4 - 20 mA	screw term.	transmitter	Ø6.2 mm
699.915024110	5/10/16	13 - 33	4 - 20 mA	screw term.	transmitter	Ø6.2 mm
699.931021110	0.3/0.5/1	13 - 33	0 - 10V	screw term.	transmitter	Ø6.2 mm
699.913021110	1/3/5	13 - 33	0 - 10V	screw term.	transmitter	Ø6.2 mm
699.915021110	5/10/16	13 - 33	0 - 10V	screw term.	transmitter	Ø6.2 mm

¹⁾ Other pressure ranges available on request ²⁾ Other outputs available on request (0 ... 5/10V)

Accessories for type 699 above

- 104312 connection kit for vent duct (*metal*) 90° angled - including 2 m long tube
- 100064 connection kit for vent duct (*plastic*) straight - including 2 m long tube



699.931024110

Type 692 - Differential pressure sensor (H) 95 x (Ø) 44 mm

Type 692 pressure transmitters feature unique, well proven ceramic technology. The wide pressure range together with several standard output signals make these transmitters ideal for applications across a broad spectrum of industries. For the measurement of pressure differentials in HVAC systems.

- Robust stainless steel enclosure
- High resistance to extreme temperatures
- High measurement accuracy
- Very low temperature sensitivity

Type 692 - Differential pressure transmitter EN 61326-2-3 compact design

- Response time: < 5 ms
- Medium: Liquids and neutral gases -15 ... +85 °C
- Output: 4 ... 20 mA²⁾ (*others available on request 0 ... 5/10V*)
- Electrical connection: DIN EN 175301-803-A connector (*female not supplied with transmitter*)
- Degree of protection: IP65 according to EN 60529

type	range BAR	max BAR	power supply	output (DC) ²⁾	electrical connection ³⁾	description	screw fitting
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692.912007141	0...1	5	11-33	4 - 20 mA	DIN plug	transmitter	Ø6 mm
692.916007141	0...2.5	12	11-33	4 - 20 mA	DIN plug	transmitter	Ø6 mm
692.919007141	0...6	12	11-33	4 - 20 mA	DIN plug	transmitter	Ø6 mm
692.930007141	0...10	20	11-33	4 - 20 mA	DIN plug	transmitter	Ø6 mm

Accessories for above 692 transmitters

- 103510 DIN EN 175301-803-A female connector for type 692 transmitters
- 101999 mounting bracket (*including screws*) for type 692 transmitters



692.912007141