

Pressure transmitters/sensors (IP67)

- Compact, rugged construction
- Accuracy: $\pm 0.3\%$ fs
- Medium temperature range: $-15 \dots +125\text{ }^\circ\text{C}$
- Response time: $< 2\text{ ms}$, (1 ms typical)
- Material: Connection stainless steel 1.4404 / AISI 316L
- Conformity: EN 61326-2-3 / IEC 68-2-27 / IEC 68-2-29 / IEC 68-2-6 / UL E325110

type	pressure range (bar) ¹⁾	power supply	output DC ²⁾	electrical connection ³⁾	description	pressure connection ⁴⁾
------	------------------------------------	--------------	-------------------------	-------------------------------------	-------------	-----------------------------------

Type 525/28 compact pressure transmitter based on well proven ceramic technology developed by Huba Control. These transmitters are suitable for applications across a broad spectrum of industries.

- Medium: Liquids and gases

Type 528 pressure range: $-1 \dots 0 - 60\text{ BAR}$ $\varnothing 24 \times 40.9\text{ mm}$

528.9010033411	-1 ... 0	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9120033411	0 ... 1.6	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9140033411	0 ... 2.5	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9150033411	0 ... 4	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9170033411	0 ... 6	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9300033411	0 ... 10	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9310033411	0 ... 16	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9320033411	0 ... 25	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9330033411	0 ... 40	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
528.9400033411	0 ... 60	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"

Type 525 low pressure range: $0 \dots 0.05 - 0.6\text{ BAR}$ $\varnothing 26.5 \times 46.4\text{ mm}$

525.9230033111	0 ... 0.16	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
525.9240033111	0 ... 0.20	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
525.9260033111	0 ... 0.30	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
525.9270033111	0 ... 0.40	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
525.9280033111	0 ... 0.60	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"

Type 520 pressure range: $0 - 1000\text{ BAR}$ $\varnothing 24 \times 46.7\text{ mm}$

Huba Control developed thick film technology with fully welded pressure measurement cell. **Meets high burst protection demands.** Ideal for refrigeration applications including ammonia.

- Welded without sealing parts (no elastomer seals)
- Medium: Liquids, gases and refrigerants (including ammonia)

520.906S033401	-1 ... 9	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.917S033401	0 ... 6	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.930S033401	0 ... 10	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.931S033401	0 ... 16	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.932S033401	0 ... 25	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.933S033401	0 ... 40	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.940S033401	0 ... 60	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.941S033401	0 ... 100	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.942S033401	0 ... 160	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.943S033401	0 ... 250	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.954S033401	0 ... 400	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.955S033401	0 ... 600	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"

Explosion proof version EC type examination certificate: SEV 10 ATEX 0145

- Intrinsic safety: Ex II 1/2 G Ex ia IIC T4 Ga/Gb / Ex II 1/2 D Ex ia IIC T125°C Da/Db

520.917S043401	0 ... 6	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.930S043401	0 ... 10	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.931S043401	0 ... 16	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.932S043401	0 ... 25	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.933S043401	0 ... 40	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"
520.934S043401	0 ... 60	7 - 33 VDC	4 - 20 mA	M12x1	transmitter	G 1/4"

Accessories for transmitters other connectors and cables see page K- 27 / 28

120104-02-024 M12 (4 PIN) assembly connectors for above transmitters 90°

Heat Sink for high temperature applications

Heat sink effectively reduces temperatures of hot media, permitting usage of transmitters in applications with temperatures in excess of 200°C.

105074 G 1/4" heat sink for transmitters in high temperature applications (L +101 mm)

¹⁾ Other pressure ranges available on request

²⁾ Other outputs available on request: 0 - 5V, 0 - 10V, Radiometric 10 ... 90%

³⁾ Other electrical connections available: DIN EN 175301-803-A/C, RAST2.5, Swift, M12 x 1, with cable

⁴⁾ Pressure connections: inside/outside thread: 1/4"-18NPT, 1/2"-14NPT, 3/4", G1/2", M20 x 1.5, R 1/4 to DIN 2999



528.9330033411



520.917S033401



520.917S043401



105074