



Pressure transducer compact version

benefits

- specially for OEM
- compact design
- superior price/performance ratio due to automated large-scale production
- high pressure resistance
- without transmission liquid

Application

Electronic pressure measurement for media such as air, chemical gases (humidity: 0 to 85 % rH, not condensing), water, oil, petrol. Not suitable for media which react with glass, silicon, stainless steel 304 or silicone glue.

Description

Pressure transducers convert physical pressure into an electrical signal proportional to the pressure. DMU 600/20 is equipped with a piezo-resistive silicon measuring cell.

Technical Specifications

Measuring range

see ordering table

Process connection

G $\frac{1}{4}$ B DIN 3852 type E

material

Housing: Stainless steel 304

pressure connection: Stainless steel 304

diaphragm: silicon, glass

Seal: Silicone

Supply voltage

DC 9 – 32 V

Output signal

2-wire, 4–20 mA

Electrical connection

Connector and junction box as per ISO 4400 (DIN 43650-A)

Degree of protection

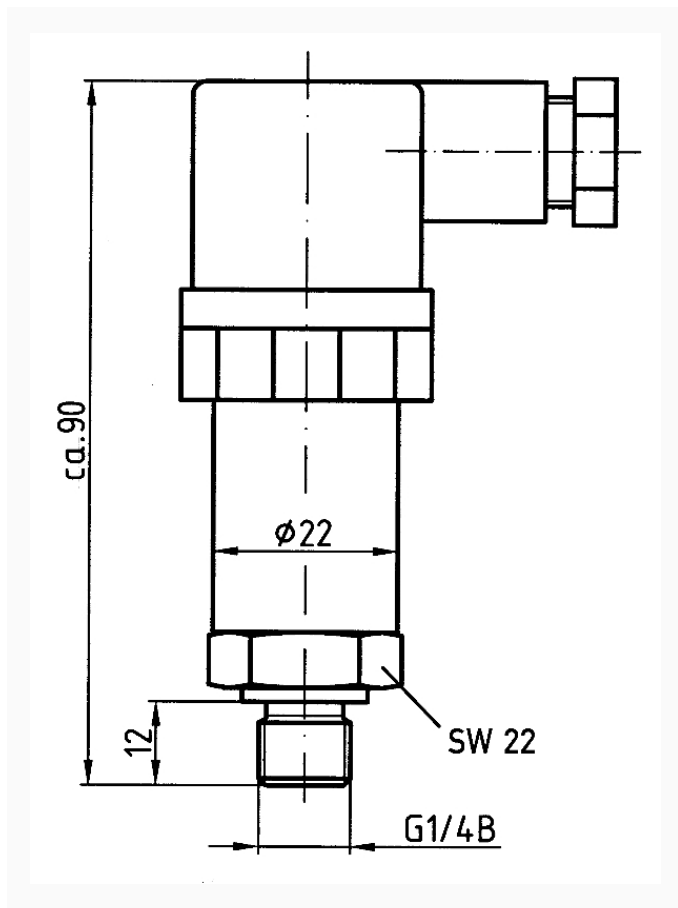
IP 65 (EN 60529)

Options

- other measuring ranges
- other process connections

- other electrical connections
- fixed cable connection
- other output signals, e.g. 0–10 V, 1–5 V
- Absolute pressure version

Technical Drawings



Versions

Range	Measuring range	Type	Version	Part no.
	0/4 bar			33005
	0/6 bar			33006
	0/10 bar			33007
	0/16 bar			33008
	0/25 bar			33009
	0/40 bar			33010

-  in-stock items
-  Non-stock items