

**ZS-V1 (4 - 20 mA)
ZS-V2 (0 - 10V)****Spezifikation****ZS-V1/V2****Special**

- Output:
ZS-V1 4 - 20 mA
ZS-V2 0 - 10 Volt
- Supply Voltage: 12...32 Volt
- Thread: G 1/4 "
- Electr. Connector: DIN 43660 BFC
small Hirschmann
- Pressure type rel. again environ pressure
- Pressure range 0,6 - 1000 bar
- Total Error 0,5 % bei RT

Measurement princip

- Piezoresistiv cell on steel membran
- The integrated ASIC is a precision CMOS with EEPROM data storage and analog signal path

Advantage

- The special steel membran is completely vacuum-tight, burst proof and can be used for all standard media in hydraulic, pneumatic and water applications
- Shook proof: IEC 68-2-27
- Vibration resistant: IEC 68-2-06 and IEC68-2-36

Operation condition

- Operating temperature -40 bis +100 °C
- Storage temperature -40 bis +125 °C

**Application**

- Process Control
- Mobi Hydraulic Systems
- Hydraulic, Pneumatic
- Heating-and Aircondition
- Automotiv-Application
- Testing machines
- Industrial roboter

INFORMATION

Pressure Ranges

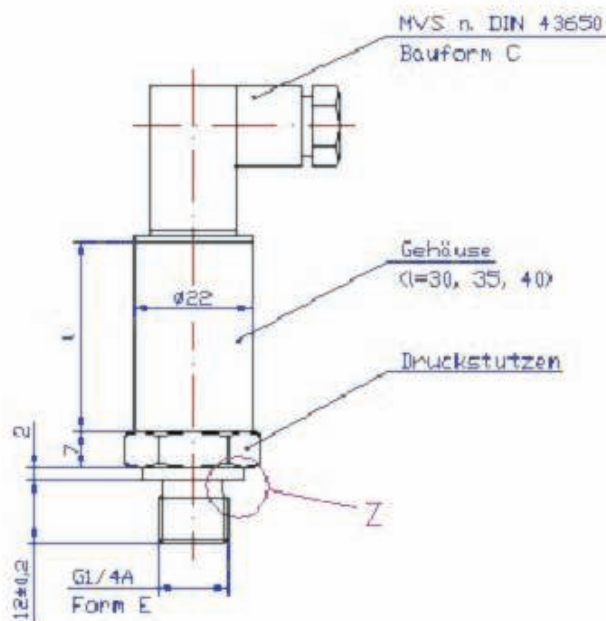
Range	Overload	Range	Overload
0 ...0,6	6	0 ...40	100
0 ...1	6	0 ...60	200
0 ...1,6	6	0 ...100	200
0 ...2,5	6	0 ...160	400
0 ...4	10	0 ...200	400
0 ...5	10	0 ...250	750
0 ...6	20	0 ...350	750
0 ...10	20	0 ...400	750
0 ...16	40	0 ...600	1200
0 ...20	40	0 ...700	1350
0 ...25	100	0 ...1000	1500

Stainless steel 17-4PH, no O-Ring, no silicone oil

Electrical Parameter

	Min.	Typ	Max.	ME
Class at RT			0,5	%FS
Total Error (-10 bis +90°C)		1,5		%FS*
Total Error (-40 bis +100°C)		2,5		%FS*
Response Time		1	2	ms
Isolation Resistant bei 50 V	100			MΩ
Supply Voltage	12,0	16,0	32,0	Volt DC
Supply Current		4,0		mA

* The Total Error includes Nonlinearity, Hysteresis, Repeatability and Temperature influence



Order information:

Example: ZS-V1- 10 bar
 ZS-V2 - 25 bar