

Overview Pressure Transmitter and Switches



High Pressure Transmitters



Zs10 (4-20mA)
Zs20 (0-10V)
ZS30 (0,5-4,5V, Ub=5V)
ZS40 (0,5-4,5V, Ub=8-32V)

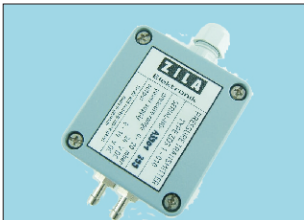


Standard Transmitters
ZS-V1 (4-20mA)
ZS-V2 (0-10V)

Pressure Range: 0...600 bar staggered
Type: Relative, Absolute
Overload Pressure: 3X
Pressure Connections: G1/4, 1/4NPT
Electrical Connections: DIN EN175301-803 AC
Special Feature: custom made
 (adjustments to pressure range up to 4000 bar and connections on demand)

Pressure Range: 0..600 bar gestuft
Type: Relative
Supply Voltage: 12..32 V DC
Output Signal: 0-10V/4-20mA (V1/2)
Pressure Connections: G1/4A Form E ISO228
Special Feature: Standard transmitter

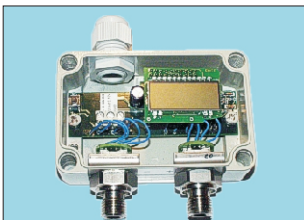
Low Pressure Transmitters



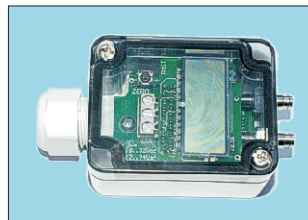
ZS1
ZS2

Pressure Range: 0..10 mbar (ZS1)
 0..1000 mbar (ZS2)
Type: Differential
Supply Voltage: 10/15 - 30 V DC
Output Signal: 0 - 10 V / 4 - 20 mA
Pressure Connections: tube
Special Feature: analog

Differential Pressure Transmitters



ZDT-H



ZDT-N

Pressure Range: 5..1000 bar
Type: Differential
Supply Voltage: 14-28 V DC
Output Signal: 0-10V / 4-20mA
Pressure Connections: G1/4, 1/4 NPT
Special Feature: silicon on stainless steel

Pressure Range: 0..500 mbar
Type: Differential
Supply Voltage: 10/15..30 V DC
Output Signal: 0-10V / 4-20mA
Pressure Connections: tube
Special Feature: Digital, LCD (opt.)

Overview Pressure Transmitter and Switches



Pressure Switches



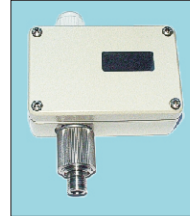
DS1N

0..600 bar staggered
Transistor 24V/1A
Binder Serie 712
G 1/4 Zoll
Ua= 12 - 27 VDC



DS4

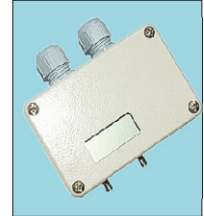
0..600 bar staggered
Transistor 24V/1A
Binder Serie 712
G 1/4 Zoll
Ua= 10 - 30 VDC



ZDS-H

Pressure Range
Output Signal
Electrical Connections
Pressure Connections
Supply Voltage

0..2000 bar staggered
Relais 60VAC/1A
Screw terminal
G 1/4 Zoll
Ua= 24 VDC



ZDS-N

0..500 mbar staggered
Relais 230V/1A
Screw terminal
Tube
Ua= 12-24 VDC

Safety Pressure Limiter



DB1000/2

Pressure Range: application specific
Type: Relative
Supply Voltage: 24 V DC
Output Signal: 2 Relays, 4 - 20 mA
Pressure Connections:: G 1/4 Zoll, optional Adapter
Special Feature: Certified according Pressure Equipment Directive 97/23/E6

Pressure Transmitters with CANopen-Interface



**DS-CAN-01
(Pressure)**

Pressure Range: 2..4000 bar
Measurement Parameter: Pressure
CAN-Protocol: CANopen 2.0A
Type: Sensor with piezoresistive bridge circuit
Resolution: 10 Bit
Sampling Rate: min. 5 ms



**DTS-CAN-01
(Pressure /Temperature)**

Pressure Range: 2..4000 bar
Measurement Parameter: Pressure, Temperature
CAN-Protocol: CANopen 2.0A
Type: Sensor with piezoresistive bridge circuit, temperature compensated
Resolution: 10 Bit, Temp.+/-0,8K
Sampling Rate: min. 5 ms