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Titel: Analog Pressure Indicator ZDA
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Analog Pressure Indicator ZDA

Specifications:

Pressure Indicator ZDA:

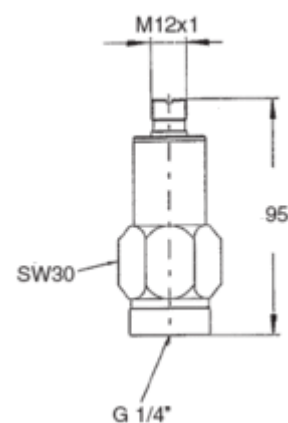
- 5 digit display 2-color
- Peak value function
- Analog input
- Two programmable set points
- Analog output for PLC
- Reading rate: 10/sec.
- Supply: 90 ... 264 V AC 50/60Hz
- Dimensions (WxHxD): 96 x 48 x 187 mm
- Panel cutout: 92+0,5 x 45+0,5 mm

Transducer ZDS:

- Pressure range: 0 - 400 bar (0 - 5,800 psi)
- Connection: M12 plug
- Analog output: 4 - 20 mA 1% of full scale
- Accuracy: 0.1% of full scale
- Supply: 12 - 30 VDC by processor



Drucksensor ZDS



The oil pressure in the high pressure chamber of the TOX Powerpackage is registered by the pressure transducer as system pressure and displayed on a 5 digit readout, which has an integrated power supply. The pressure transducer features a ceramic sensing element with a diaphragm. As the pressure is applied to the diaphragm, the distance decreases, increasing the capacitance value. The indicator displays the oil pressure in bars or psi.

The equivalent output force in kN or lbf can then be obtained. A freely programmable microprocessor controls the signal output. The programming is done with the pushbuttons on the front of the processor measuring unit. The function mode "instantaneous value memory" is available to receive variable signals. The processor also features a peak value function. Additionally, the processor provides a selectable analog output (4...20mA, 0...10 V) to connect to a PLC. A serial interface is optional for the transmission of the recorded data to a PC.

Pressure indicator and accessories:

- Pressure indicator ZDA
- Pressure transducer ZDS, with mounting plate to attach to TOX Powerpackage
- Mounting plate ZMP, to mount to TOX Powerpackage
- High pressure Flex-Hose ZHM 630, 1x90° end connector, mounted and completely filled with oil
- Electric cable between transducer and indicator (5000 mm = 16.4 ft)

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