

DIGITAL PRESSURE INDICATOR – DPI

DIMENSIONS AND SPECIFICATIONS

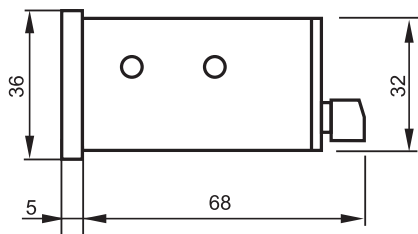


The **Digital Pressure Indicator – DPI** is available in various ranges –from 0 to 20 bars, 0 to 60 bars and also as vacuum indicator from –1 to 20 bars. The Stainless steel pressure transducer obtain pressure information which is displayed on a 2 1/2 digit super bright LED display.

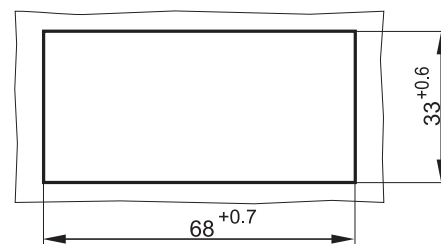
Two optional relay outputs can be programmed to meet customer needs (They switch when the pressure is within the limits or exceeds the limits, either over or under the limit). The indicator is able to communicate with other displays (remote pressure indicators) over the one wire datalink.

DIMENSIONS

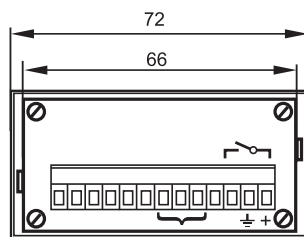
PRESSURE INDICATOR



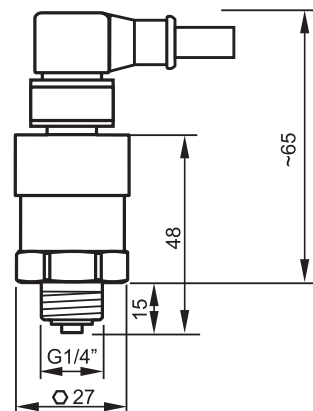
CUT OUT FOR THE CONTROL PANEL



REAR PANEL CONNECTORS



PRESSURE TRANSDUCER



SPECIFICATIONS

Power supply	10 V ... 30 V DC
Power consumption*	approx. 3 W
Alarm relay output	Power supply voltage, max.6A
Pressure (reading) range	0 to 19.9 bars; 0 to 60 bars; –1.0 to 19.9 bars
Reading accuracy	20 bars and vacuum indicator: 0,1 bar; 60 bars indicator: 1 bar:
Pressure indication	2 1/2 digit LED display (super bright),
Transducer Electrical Connection	M12x1
Transducer pressure port fitting	G 1/4"
Transducer Housing	Stainless steel 316L
Enclosure – protection (IEC 529)	IP67 (Transducer); IP67 (Indicator–front panel)
Operating temperature–indicator	from –45 °C ... +85 °C
Dimensions of the indicator (IEC 61554)	72x36x68 mm or 77.5x41.5x68 with Aluminium Bezel (LxHxW)
Transducer cable	3x0,35mm2 (chemical and oil resistant) with connector M12,
Weight	Transducer: 0,1kg, Indicator: 0,1kg

* No outputs active

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ORDERING INFORMATION

Use the **RED** character from the chart below to construct a basic product code.

SENSOR CABLE LENGTH IN M
2, 5 or 10: standard length

AL BEZEL
ALXS ... Silver Eloxated
ALXB ... Black Eloxated

MASTER UNIT

DPI-**20B**-**2**-**R>16**-**ALXS**

PRESSURE MEASURING RANGE

20B 0...19,9 bar
60B 0...60 bar
V20B -1...20 bar

2000kPa 0...2000 kPa
6000kPa 0...6000 kPa
V2000kPa -1...2000 kPa

ALARM RELAY OUTPUT

Relay condition: pressure value or pressure range:

R <3 alarm when the pressure is less than 3 bars
R >16 alarm when the pressure is more than 16 bars
R 3><8 alarm when the pressure is between 3 to 8 bars
R 3<>8 alarm when the pressure is between 3 to 8 bars

SLAVE UNIT – REMOTE INDICATOR

RDPI-**20B**

REMOTE PRESSURE INDICATOR

RPI20: additional remote indicator for the cabin or monitor (0-19,9 bars)