

TECHNICAL DATA**Input signal**

Resistor Input range
0-5kOhm
0-1kOhm

Range selected via coding Y3-Z3.

Output:

Output signal	R_{MAX}
4-20mA DC	500 Ohm
0-20mA DC	500 Ohm
2-10V DC	via intern 500 Ohm shunt
0-10V DC	via intern 500 Ohm shunt

Selected via terminals.

Offset(zero) and gain(span) are adjustable $\pm 5\%$. See. fig. 1.

Accuracy:	<1%, without adjustment.
Linearity:	<0,05% of full scale.
Temp. coefficient	0,02%/°C.
Ripple (RMS):	<0,1%.

Supply voltage:

Supply voltage	Consumption
12-48V AC/DC (10,5-60)V AC/DC	<1,5W.
115-230V AC (60-264)V AC	<1W.

All galvanically isolated 3,75kV AC 1 min. to input and output.

General data:

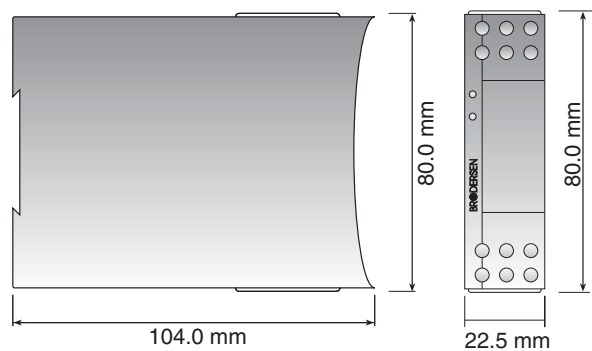
Ambient temperature:	-20 to 55°C.
Storage temperature:	-40 to 80°C.
Mounting:	35mm DIN-rail (EN50022).
Terminals:	Screw terminals with dual compartment. Terminal screws are combined crosshead/ slotted. Up to 2 x 2,5mm ² wire. (2 x 1,5mm ² inc. ferrule). Recommended torque, 0,5 Nm,max. 0,7Nm. (VDE0609-1).
Indicators:	Green LED = operating voltage. Yellow LED = input less than 5% of FS. (indication of cable failure).
Protection:	IP20.
Electric isolation:	3,75kVAC (1 min.) between input, output and supply.
Housing:	Noryl (GE), UL94V1.
Terminal block:	Noryl (GE), UL94V0.
Weight:	170 g.

SPECIFICATIONS:

PXR-10 is designed and developed with regard to relevant specifications:

- EN60204-1 / VDE0113 electrical material on machines.
- VDE0110 / IEC664 Isolation specifications/creepage and clearance distances.
- Electrical safety in accordance with EN61010.
- IEC414 Safety regulations for control and monitoring equipment.
- EMC: Emission EN50081-1
Immunity EN50082-2
- Humidity in accordance with IEC68-2-3; RH=95%, 40°C.
- Vibration in accordance with IEC68-2-6.
- Shock when mounted, in accordance with IEC68-2-27.

PXR-10 is CE-marked in accordance with EMC-and the Low Voltage Directive.

MECHANICAL DIMENSIONS



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