

BA960901**MEASURING TRANSDUCERS • MEASURING TRANSDUCERS****MECHANICAL DATA**

Ambient temperature	-20 °C ... 50 °C
Degree of protection (IP)	IP20
Degree of protection (IP), front side	IP54
Height	96 mm
Housing material	PC
Length	114 mm
Mounting method	Front mounting
Suitable for serial installation	Yes
Width	96 mm

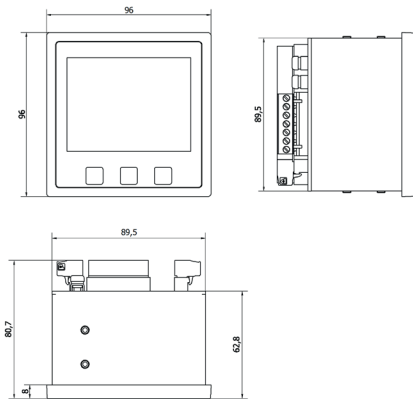
ELECTRICAL DATA

Analog input, current	Yes
Analog input, voltage	Yes
Analog output, current	Yes
Analog output, voltage	Yes
Characteristic curve deviation	0.05 %
Decay time	20 ms
Digital resolution	14 Bit
Display	LCD
End value measuring range, current	0.02 A
Initial value of measuring range, current	0 A
Integrated configuration function	Yes
Max. continuous current	6 A
Max. output current	6000 mA
Max. switching capacity	180 W
Max. switching current	10 A
Number of switching outputs	4
Power consumption	5 VA
Rated control supply voltage U_s at DC	18 V ... 36 V
Relative measurement accuracy	0.4 %
Resistance of current input	50 Ohm

ELECTRICAL DATA

Resistance of voltage input	100 kOhm
Response time	20 ms
Reverse polarity protection	Yes
Setting procedure	Parameterization
Short-circuit-proof	Yes
Suitable as 2-point control	Yes
Temperature drift	0.1 %/K
Transducer power supply current	35 mA
Transducer power supply voltage	24 V
Type of analog input	0 V ... 10 V / 4 mA ... 20 mA / 0 ... 20 mA
Type of analog output	0 V ... 10 V / 4 mA ... 20 mA
Type of electrical connection	Clamp
Type of switching function	Normally open contact (NO)
Type of switching output	Relay contact
USB interface	Yes
Voltage type	DC
Voltage type of transducer power supply	DC
With switching output	Yes

DIMENSIONAL DRAWING



INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL



SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

