

BA565000

MEASURING TRANSDUCERS • MEASURING TRANSDUCERS



MECHANICAL DATA

Ambient temperature (MAX)	70 °C
Ambient temperature (MIN)	-40 °C
Degree of protection (IP)	IP20
Height	99 mm
Housing material	PC
Length	114.5 mm
Storage temperature	100 °C
Storage temperature	-40 °C
Suitable for DIN rail (top hat rail) mounting	Yes
Suitable for serial installation	Yes
Width	22.5 mm

ELECTRICAL DATA

Alignment range of end point	45 %
Alignment range of end point	-5 %
Alignment range zero-point	5 %
Alignment range zero-point	-25 %
Analog input, current	Yes
Analog input, voltage	Yes
Analog output, current	Yes
Analog output, voltage	Yes
Characteristic curve deviation	0.05 %
End value measuring range, current	0.02 A
Initial value of measuring range, current	0 A
Integrated configuration function	No
Power consumption	3 VA
Rated control supply voltage U_s at AC 50HZ (MAX)	253 V
Rated control supply voltage U_s at AC 50HZ (MIN)	20 V
Rated control supply voltage U_s at AC 60HZ (MAX)	253 V
Rated control supply voltage U_s at AC 60HZ (MIN)	20 V
Rated control supply voltage U_s at DC (MAX)	253 V

ELECTRICAL DATA

Rated control supply voltage U_s at DC (MIN)	20 V
Relative measurement accuracy	0.4 %
Resistance of current input	880 Ohm
Resistance of voltage input	1.25 kOhm
Reverse polarity protection	Yes
Setting procedure	Manual adjustment
Short-circuit-proof	Yes
Temperature drift	0.05 %/K
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
Voltage type	AC/DC
With switching output	No

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!

Never use these devices in applications where the safety of a person depends on their functionality.