

**BA09A227**

**MEASURING TRANSDUCERS • MEASURING TRANSDUCERS**



**MECHANICAL DATA**

Ambient temperature (MAX)	50 °C
Ambient temperature (MIN)	-10 °C
Degree of protection (IP)	IP20
Degree of protection (IP), front side	IP65
Height	48 mm
Mounting method	Front mounting
Storage temperature	70 °C
Storage temperature	-25 °C
Suitable for serial installation	No
Width	24 mm

**ELECTRICAL DATA**

Analog input, current	Yes
Analog input, voltage	Yes
Digital resolution	14 Bit
Display	LED
End value measuring range, current	0.02 A
Initial value of measuring range, current	0 A
Integrated configuration function	No
Number of decades	5
Rated control supply voltage $U_s$ at DC (MAX)	30 V
Rated control supply voltage $U_s$ at DC (MIN)	10 V
Relative linearity deviation	0.01 %
Relative measurement accuracy	0.03 %
Resistance of current input	100 Ohm
Resistance of voltage input	1000 kOhm
Response time	500 ms
Setting procedure	Parameterization
Temperature drift	2 %/K
Type of analog input	0 V ... 10 V / 4 mA ... 20 mA / 0 ... 20 mA
Voltage type	DC

**ELECTRICAL DATA**

With LED display

Yes

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.