

BA870100

MEASURING TRANSDUCERS • MEASURING TRANSDUCERS

Measuring transducer, Analog / digital, 58x95x54mm, 0-10V/4-20mA / 0 ... 20 mA, 18-30V DC, 4x PNP/NPN Programmable/configurable, 0-10V/4-20mA, Clamp, IP20, Plastic PC, LCD



MECHANICAL FEATURES

Ambient temperature	-20 °C ... 60 °C
Degree of protection (IP)	IP20
Height	58 mm
Housing material	Plastic PC
Length	95 mm
Mounting method	Top hat rail
Storage temperature	-25 °C ... 70 °C
Suitable for serial installation	-
Version	Analog / digital
Width	53.5 mm

ELECTRICAL FEATURES

Difference function	+
Digital resolution	12 Bit
Display	LCD
Integrated configuration function	-
No-load current	70 mA
Number of switching outputs	4
Rated control supply voltage U_s at DC	18 V ... 30 V
Rated switching current	150 mA
Relative measurement accuracy	2 %
Resistance of current input	50 Ohm
Resistance of voltage input	20 kOhm
Response time	300 ms
Reverse polarity protection	+
Setting procedure	Parameterization
Short-circuit protection	+
Transducer power supply current	250 mA
Turn-off delay	10 s
Turn-on delay	10 s
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	Clamps

ELECTRICAL FEATURES

Type of switching function	Programmable/configurable
Type of switching output	PNP/NPN
Voltage type	DC
Voltage type of transducer power supply	DC
With LED display	-
With switching output	+

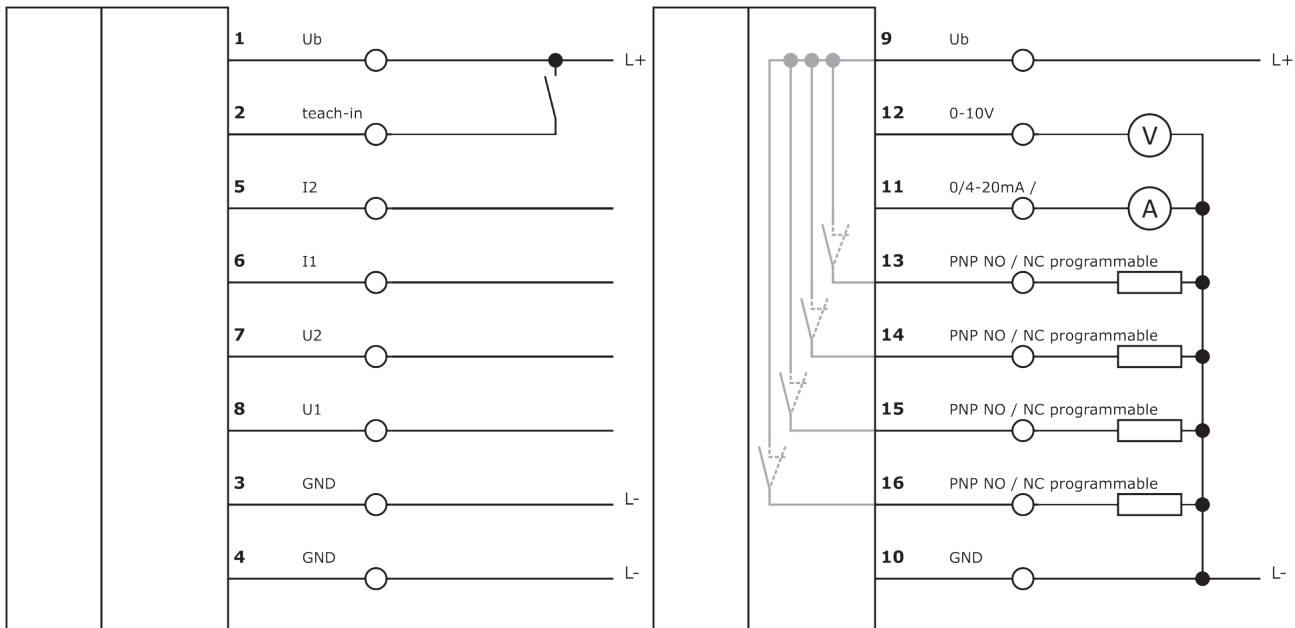
Other

Packaging dimensions	74.0mm x 74.0mm x 143.0mm
Shipping weight	0.14kg
Tariff code	85437090

Classification

ipf product group	550
eClass 8.0	27210123
eClass 9.0	27210123
eClass 9.1	27210123
ETIM-5.0	EC002475
ETIM-6.0	EC002475
ETIM-7.0	EC002475

Connection



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. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.