BA870100

Measuring transducer ● DIN rail mounting

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

- **4 PNP switching outputs**
- **1 scalable analog output**
- **TFT display**
- **top hat rail mounting**

2 analog inputs 0 ... 10V, 0/4 ... 20mA
separate configuration for both inputs

24V DC, 2x2 inputs, LCD display, 4 preselects, analog

Electrical features

Response/decay time	300 ms
Number of switching outputs	4
Display	LCD display
Type of switching function	Programmable/configurable
Type of analog output	0 - 10V | 4 - 20mA
Type of analog input	0 - 20mA | 0 - 10V | 4 - 20mA
Type of electrical connection	Clamped terminal connection
Type of switching output	PNP/NPN
Turn-off delay	0 - 10 ms
Rated switching current	150 mA
Digital resolution	12 bit
Turn-on delay	0 - 10 s
Setting procedure	Parameterization
Transducer power supply current	250 mA
Type of transducer power supply voltage	DC
Short-circuit protection	Yes
No-load current	70 mA
Reverse polarity protection	Yes
Resistance of current input	50 Ohm
Resistance of voltage input	20 kOhm
Operating voltage (DC)	18 - 30 V
Difference function	Yes
Output functions	Window function | Switching point | Hysteresis | Regulación estándar de la señal | valControl de dos puntos

Mechanical features

Width	53.5 mm
Height	58 mm
Storage temperature	-25 - 70 °C
Length	95 mm
Mounting method	Top hat rail
Degree of protection (IP)	IP20
Housing material	Plastic PC
Ambient temperature	-20 - 60 °C

Other features

Relative measurement accuracy	2 %

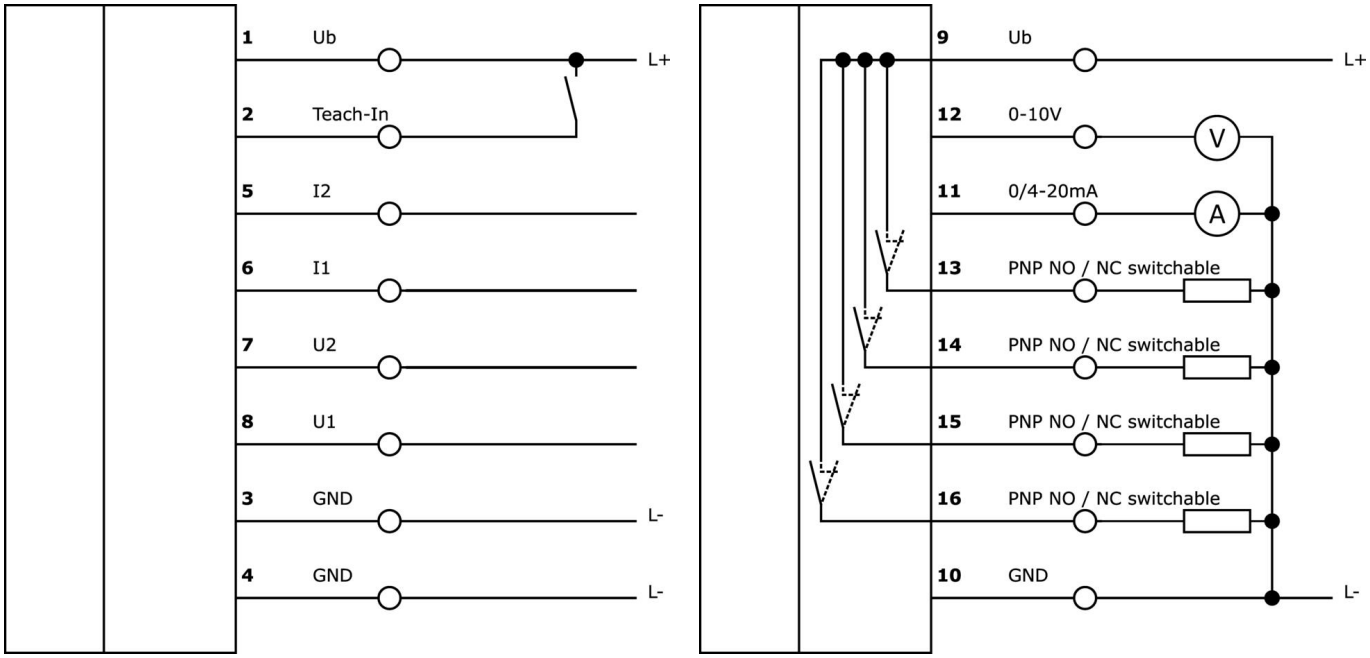
Classification

ETIM 8	EC002475 Current transducer

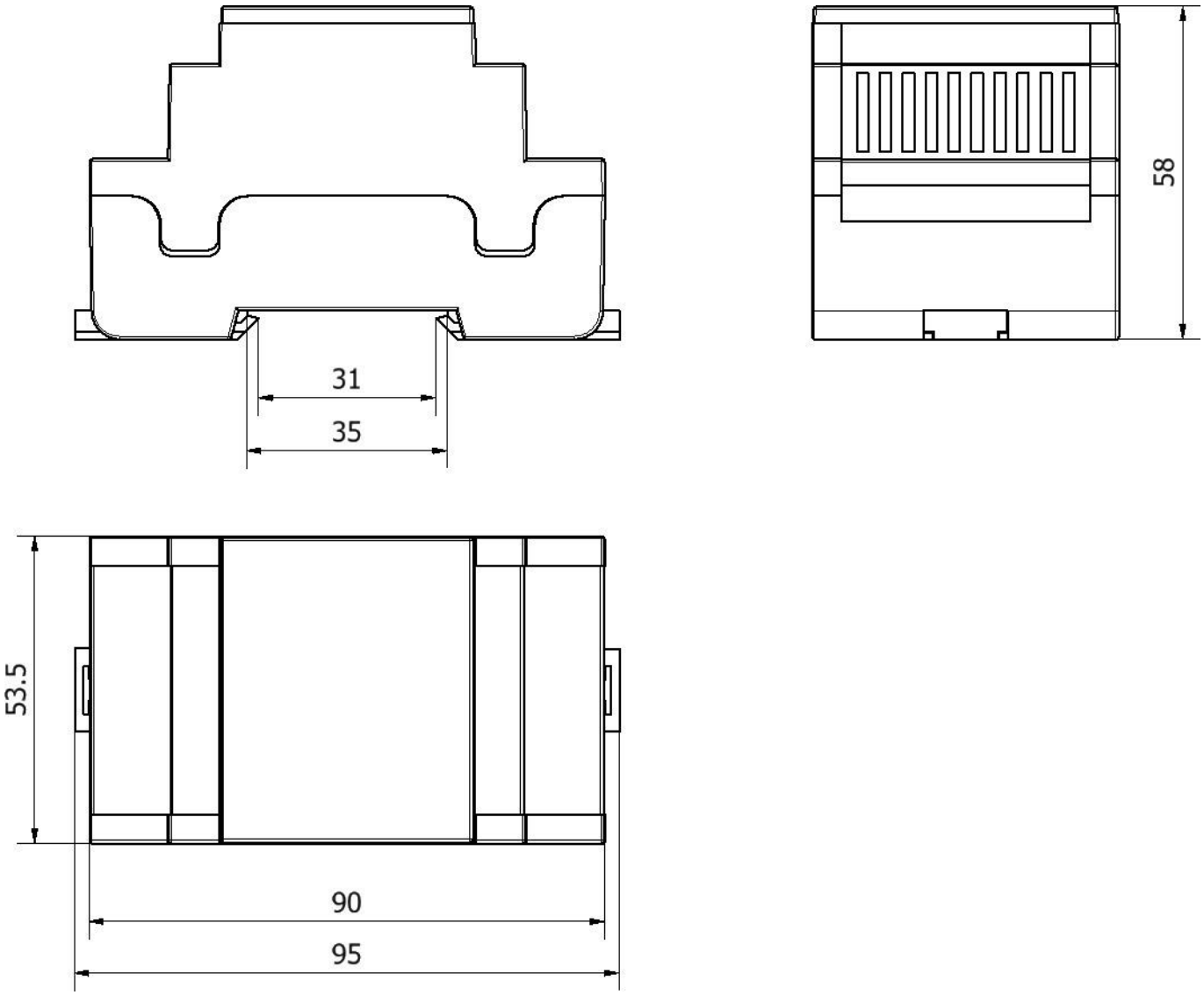
More

IPF Product Group	550 measuring transducer
packaging dimensions	143 x 74 x 74 mm
gross weight	141 g
Customs tariff number	85437090
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Dimensional drawing



Installation

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

Disposal

WEEE number according to § 6 para. 3 ElektroG: 40951076

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.