

## BA050100

### Measuring transducer • Front mounting

Measuring transducer, Analog / digital, Touch display, 48x116x96mm, -10-10V/4-20mA / 0 ... 20 mA, 8 Digits, 18-30V DC, 4x PNP Programmable/configurable, 0-10V/4-20mA, Clamp, IP20, Noryl UL94, LCD



#### Electrical features

Response/decay time	53ms
Number of decades	8
Number of switching outputs	4
Display	LCD display   LED display
Type of switching function	Programmable/configurable
Type of analog output	0 - 10V   4 - 20mA
Type of analog input	0 - 20mA   -10 - 10V   4 - 20mA
Type of electrical connection	Clamped terminal connection
Type of switching output	PNP
Rated switching current	200mA
Digital resolution	16bit
Setting procedure	Parameterization
Transducer power supply voltage	24V
Transducer power supply current	250mA
Type of transducer power supply voltage	DC
Short-circuit protection	Yes
No-load current	100mA
Reverse polarity protection	Yes
Resistance of current input	120Ohm
Resistance of voltage input	50kOhm
Operating voltage (DC)	18 - 30V
Difference function	Yes

**Mechanical features**

Width	96mm
Height	48mm
Storage temperature	-25 - 70°C
Length	116mm
Mounting method	Front mounting
Degree of protection (IP)	IP20
Degree of protection (IP), front side	IP65
Housing material	Noryl UL94
Ambient temperature	-20 - 60°C

**Other features**

Features	Touch display
Version	Analog / digital
Relative measurement accuracy	0.1%
Ambient temperature	-20 - 60°C

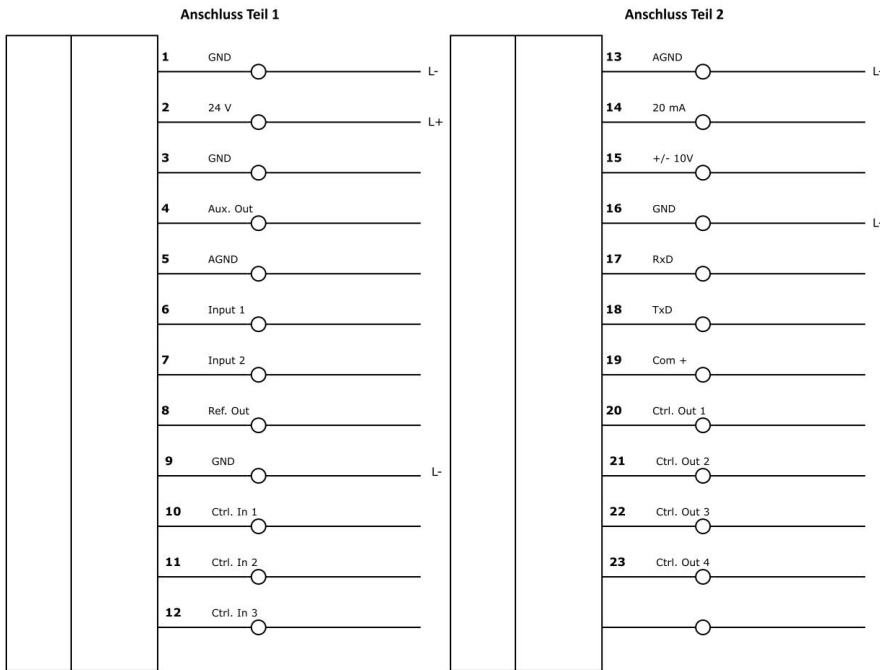
**Classification**

ETIM 8	EC002475 Current transducer
eClass 7.0	27210123
eClass 7.1	27210123
eClass 8.0	27210123
eClass 9.0	27210123
eClass 9.1	27210123

**More**

IPF Product Group	550 measuring transducer
packaging dimensions	198 x 185 x 107 mm
gross weight	439 g
Customs tariff number	85437090
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



**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.

For suitable connection and mounting accessories, please refer to our website [www.ipf-electronic.com](http://www.ipf-electronic.com).

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: [www.ipf-electronic.com](http://www.ipf-electronic.com)

**Dimensional drawing**

