



01602E00


Local Indicator Series 8402

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Ammeter mounted below impact resistant bezel in polyester resin enclosure

The moving coil ammeter-accuracy class 1,5 can be used in intrinsically safe circuits with a signal rated at 0 - 20 mA or 4 - 20 mA.

STAHL

Selection table

Version	Description	Measurung range	Ordering code	Weight kg
 8402 Local indicator <small>00623E00</small>	Local indicator, ammeter	0 - 20 mA	8402/3-11	0,800
	Local indicator, ammeter	4 - 20 mA	8402/3-12	0,800

Add. to ordering code

type of scale - text

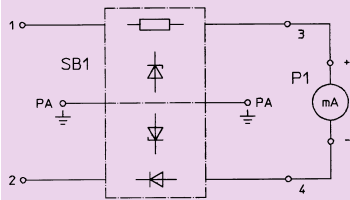
Note

The instrument is not explosion protected, it can only be used in intrinsically safe measuring circuits for hazardous area Zone 1 and Zone 2.

Zones 1 & 2

Technical Data

Explosion protection	II 2 G EEx ib IIC T6
Certificates	PTB 98 ATEX 2101
Other certificates	CSA (Canada)
Casing material	Polyester
Movement	Moving coil instrument
Accuracy	Class 1,5
Measurement ranges	0 - 20 mA or 4 - 20 mA
Internal resistance	2,93 Ω
Measuring circuit	Type of protection „Intrinsic safety“ [ib] for connection to certified intrinsically-safe circuits only with the following max. values: Short-circuit current $I_K = 150$ mA internal inductance / capacitance $L_i = 68,5$ μH, $C_i \sim 0$
Scale	0 - 100 linear, quadrant scale, length 63 mm physical scale graduation to order e.g. °C to Pt 100 DIN; kg / cm ² ; mm Hg m ³ / h square root; 4 - 14m pH linear
Bezel	□ 72 mm
Operating temperature range	- 20°C ... + 40°C
Flexible lead	4 mm ² , flexible / solid, terminal block
Cable glands	1 x M 20 x 1,5
Schematic	



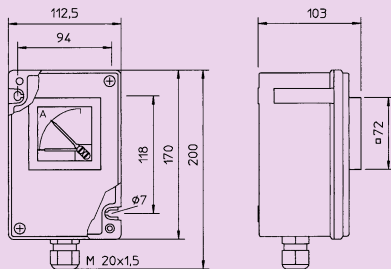
- SB 1 Safety barrier
9002/13-280-110-001
- P 1 Ammeter
8402

08060E00

Accessories and spare parts

Designation	Description	Ordering code	Weight kg
Safety barrier	Panel mounting	9002008020	0,110

Dimension drawings (all dimensions in mm) - subject to alterations



04578E00

8402 Local indicator

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

