



D4732P

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

STAHL

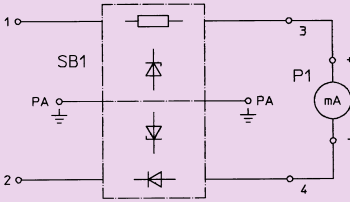
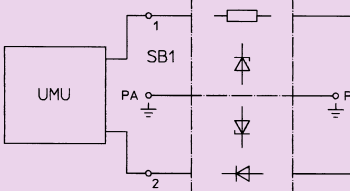
The moving coil ammeter-accuracy class 1,5 can be used in intrinsically safe circuits with a signal circuit rated at 0 – 20 mA or 4 – 20 mA

Selection table

Version	Description	Measuring range	Ordering code	Weight [kg]
 R1988P	Local indicator, ammeter	0 – 20 mA	8402/3 – 11	1,2
		4 – 20 mA	8402/3 – 12	1,2
	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			

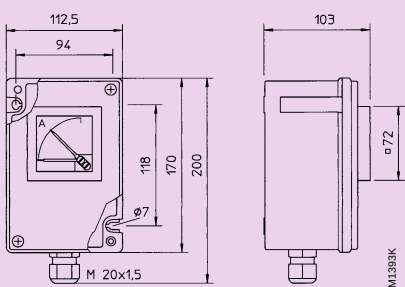
8402
Local indicator

Zone 1 and Zone 2

Technical data	
Explosion protection	Ex II 2G / EEx ib IIC T6
Test certificate	PTB 98 ATEX 2101 Other certificates: CSA (Canada), FTZU (Czech Republic), TÜV Vienna (Austria)
Enclosure material	Polyester
Movement	Moving coil instrument
Accuracy	Class 1,5
Measuring range	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 ~ 0
Scale	0 – 100 linear, quadrant scale, length 63 mm physical scale graduation to order e.g.: °C to Pt 100 DIN; kg/cm²; mm Hg m³ / h square root; 4 – 14 pH linear
Bezel	□ 72 mm
Ambient temperature	– 20° C ... + 40° C
Terminal	4 mm², flexible/solid, terminal block
Cable entry	1 x M 20 x 1,5
Schematic	 SB 1 Safety barrier 9002/13 – 280 – 110 – 00 P 1 Ammeter 8402
Examples	 SB 1 Safety barrier 9002/13 – 280 – 110 – 00 P 1 Ammeter 8402 UMU Multi-purpose transmitter 9623 or 9324

Accessories			
Designation	Description	Ordering code	Weight [kg]
Safety barrier	Panel mounting	90 020 11 01 0	0,06
Note: Selection table multi-purpose transmitter see catalogue part 3			

Dimensions, all dimensions in mm – subject to alteration



112,5
94
118
170
200
27
M 20x1,5

103
72
M1393K

8402
Local indicator

