



- Various versions of ammeters, for Ex e enclosures
- Quick comparison of measured values using externally adjustable red pointer on the device
- Selection of various current measuring ranges

E4

MY R. STAHL 8406B




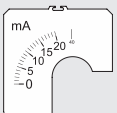
R. STAHL Series 8406C6 ammeters are installed in enclosures with Ex e type of protection. They provide measured values for the current which can be quickly compared with the target values via a red pointer affixed on the outside. The devices use a moving iron movement with accuracy class 2.5.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•			

Selection Table						
Product description	Moving coil ammeter Direct measuring Ammeter					
Overload scale	2x					
Scale	Movement	Rated operational current for AC	Overload capacity	Product Type	Art. No.	Weight
without	0 to 20 mA	0.02 A	10 x I _n 5 sec	8406C6-020-2	263571	140 g
Please order scales separately						

Technical Data	
Explosion Protection	
Area of application	European Union (ATEX) IECEX
IECEX gas explosion protection	Ex eb ib mb IIC T6 ... T4 Gb
IECEX firedamp protection	Ex eb ib mb I Mb
ATEX gas explosion protection	Ⓔ II 2 G Ex eb ib mb IIC T6 ... T4 Gb
ATEX firedamp protection	Ⓔ I M2 Ex eb ib mb I Mb
Certificates	ATEX (SIQ), Brazil (ULB), IECEX (SIQ), Korea (KTL)
Electrical Data	
Rated insulation voltage	690 V
Ambient Conditions	
Ambient temperature	-40 °C ... +40 °C (T6) -40 °C ... +55 °C (T5) -40 °C ... +70 °C (T4)
Ambient temperature note	T6: -40 °C ≤ T _{amb} ≤ +40 °C T5: -40 °C ≤ T _{amb} ≤ +55 °C T4: -40 °C ≤ T _{amb} ≤ +70 °C
Use at the height of	2000 m
Degree of pollution	3

Technical Data	
Mechanical Data	
Degree of protection (IP)	IP54
Degree of protection (IP) terminals	IP20
Enclosure material	Polyamide
Silicone-free	Yes
Pane material	Glass
Terminals	Screw connector (strain-relief clamp)
Min. connection cross section, solid	1 mm ²
Max. connection cross section, solid	6 mm ²
Max. connection cross-section, finely stranded	4 mm ²
Accuracy class	2.5
Max. tightening torque	1.5 N · m
Stripping length	10 mm
Mounting / Installation	
Mounting	Variant 1: Engage on DIN rail Variant 2: Mounting with screws on mounting plate (assembly accessories included in delivery)
Mounting orientation	Vertical

Spare Parts				Art. No.	Weight
Calotte					
	Calotte [2.52 x 2.52 inch]; IP66			155940	70 g
Push-in scale					
	Overload: 2 times	Scale: 0 to 20 mA		266267	1 g
	Overload: 2 times	Scale: 4 to 20 mA		266268	1 g
Push-in scale according to specification					
	Mandatory information at 0 to 20 mA A ₂ , B, C, D A ₂ = measuring range starting value B = measuring range end value C = overload value D = unit			265262	2 g
	Mandatory information at 4 to 20 mA A ₁ , A ₂ , B, C, D A ₁ = zero point A ₂ = measuring range starting value B = measuring range end value C = overload value D = unit			302952	10 g

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

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