



Ammeters for Panel Mounting Series 8401

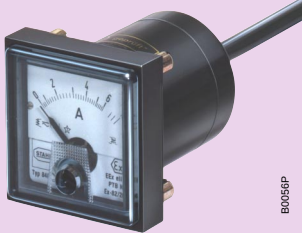
- Explosion protection
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Moving iron mechanism devices suitable for AC and DC measurement
- External O-position adjustment
- With 3 m of connection lead

STAHL

8401 ammeters are ideal for insertion into control desks and panels. They can be used without requiring further protection measures in work areas subject to explosion risk.

Zone 1 and Zone 2

Selection table

Version	Ammeter	Measuring range	Overload scale	Ordering code Lead length 3 m	Weight [kg]
8401 Ammeter 	Ammeter direct measuring	0 – 1 A	2 times	8401/2 – 3 – 1/2	0,52/0,70
		0 – 6 A		8401/2 – 3 – 6/12	0,52/0,70
		0 – 10 A		8401/2 – 3 – 10/20	0,52/0,70
		0 – 15 A		8401/2 – 3 – 15/30	0,52/0,70
	Ammeter for current transformer 1 A or 5 A	0 – 5 A	2 times	8401/2 – 3 – 5 – □	0,52/0,70
		0 – 15 A		8401/2 – 3 – 15 – □	0,52/0,70
		0 – 20 A	2 times	8401/2 – 3 – 20 – □	0,52/0,70
		0 – 40 A		8401/2 – 3 – 40 – □	0,52/0,70
		0 – 50 A		8401/2 – 3 – 50 – □	0,52/0,70
		0 – 100 A	2 times	8401/2 – 3 – 100 – □	0,52/0,70
		0 – 150 A		8401/2 – 3 – 150 – □	0,52/0,70
		0 – 200 A		8401/2 – 3 – 200 – □	0,52/0,70

Add. to ordering code:

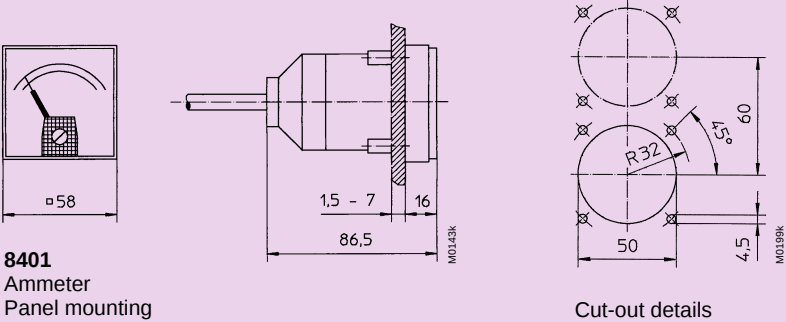
Current transformer connection 1 A
5 A



Technical data

Explosion protection	EEx e II T6 EEx e II T4 10 A, 15 A direct measuring
Test certificate	PTB Nr. Ex-82/2045
Isolation voltage	500 V
Type of current	DC and AC
Movement	moving iron
Measurement ranges	see selection table
Accuracy class	1,5
Test voltage	2 kV
Overload scale	2 times
Overload capacity	1,5 x I _N cont. 10 x I _N = 25 sec referred to full scale value
Power consumption	max. 1 VA
Enclosure	
Material	epoxy resin
Front dimensions	58 x 58 mm, black
Degree of protection	IP 55
Flexible lead	2 x 1,5 mm ² , H05VV-F, length 3 m
Ambient temperature	– 20° C ... + 40° C

Dimensions, all dimensions in mm – subject to alteration



8401
Ammeter
Panel mounting

