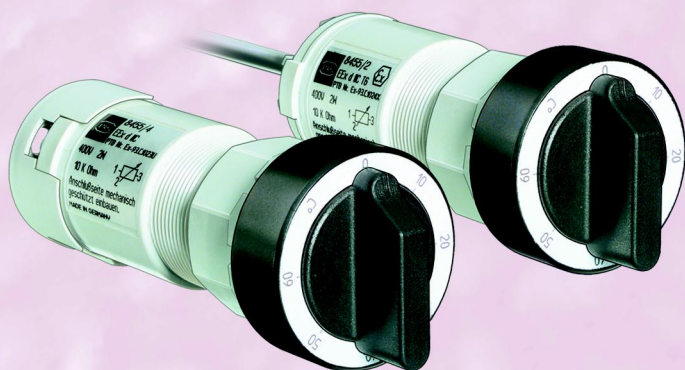




D4420p

Potentiometer for Panel Mounting Series 8455

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Resistance ranges from 100 Ω to 4,2 M Ω
- Power 2 W
- With 6 m of connection lead or terminals

STAHL

Selection table

Versions

8455/2 Potentiometer with flexible lead



D4418P

8455/4 Potentiometer with terminals



D4419P

Resistance values (types in stock)

100 Ω
220 Ω
470 Ω
1 k Ω
2,2 k Ω
4,7 k Ω
10 k Ω
22 k Ω
47 k Ω
100 k Ω
220 k Ω
470 k Ω
1 M Ω
4,7 M Ω

Ordering code

with flexible lead, 6 m length

8455/2 – 100 Ω – □ – 6
8455/2 – 220 Ω – □ – 6
8455/2 – 470 Ω – □ – 6
8455/2 – 1 k Ω – □ – 6
8455/2 – 2,2 k Ω – □ – 6
8455/2 – 4,7 k Ω – □ – 6
8455/2 – 10 k Ω – □ – 6
8455/2 – 22 k Ω – □ – 6
8455/2 – 47 k Ω – □ – 6
8455/2 – 100 k Ω – □ – 6
8455/2 – 220 k Ω – □ – 6
8455/2 – 470 k Ω – □ – 6
8455/2 – 1 M Ω – □ – 6
8455/2 – 4,7 M Ω – □ – 6

with terminals

8455/4 – 100 Ω – □
8455/4 – 220 Ω – □
8455/4 – 470 Ω – □
8455/4 – 1 k Ω – □
8455/4 – 2,2 k Ω – □
8455/4 – 4,7 k Ω – □
8455/4 – 10 k Ω – □
8455/4 – 22 k Ω – □
8455/4 – 47 k Ω – □
8455/4 – 100 k Ω – □
8455/4 – 220 k Ω – □
8455/4 – 470 k Ω – □
8455/4 – 1 M Ω – □
8455/4 – 4,7 M Ω – □

Weight [kg]

0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16
0,6/0,16

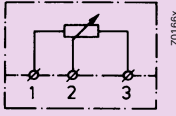
Add. to ordering code:

Actuator with scale*:

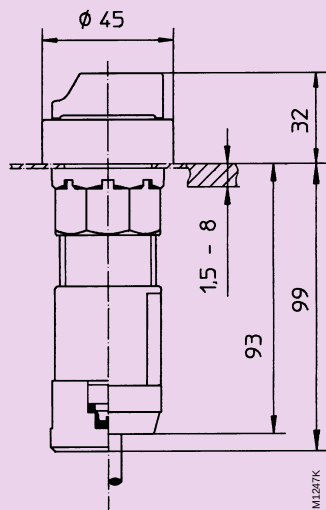
0 – 6
0 – 10
0 – 100

* other scales available

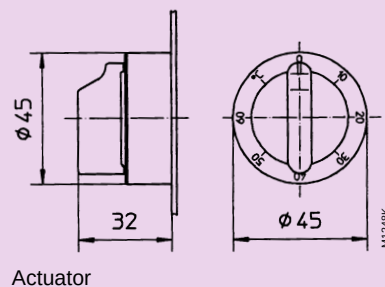
Zone 1 and Zone 2

Technical data	
Explosion protection with flexible lead with terminals	EEx d IIC T6 EEx de IIC T6
Test certificate with flexible lead With terminals	PTB Nr. Ex-93.C.1024 X PTB Nr. Ex-93.C.1023 U Other certificates: SEV (Switzerland), FTZU (Czech Republic)
Material Enclosure/bezel	Polyester/Polyamide
Electrical data Rated voltage Resistance values Characteristic Resistance tolerance Rated power Material of resistor	400 V 100 Ω ... 4,7 M Ω linear $\pm 30\%$ 2 W Carbon composition
Schematic	
Mechanical data Adjustment scale Torque Impact resistance	270° 0,7 ... 2 Ncm ≥ 100 Ncm
Degree of protection	IP 65 IP 20 terminals
Ambient temperature	-20° C ... +40° C
Connection Flexible lead Terminals	3 x 0,75 mm ² (H05V-F) with 3 or 6 m length $\varnothing 6,4$... 8 mm cable diameter 1,5 mm ² flexible

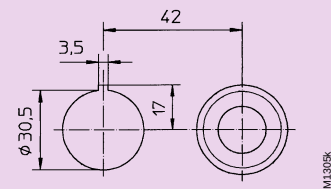
Dimensions, all dimensions in mm – subject to alteration



8455
Potentiometer



Actuator



Cut-out for
aligning several devices
 $\varnothing 38$ mm in a panel