



Potentiometer Series 8208

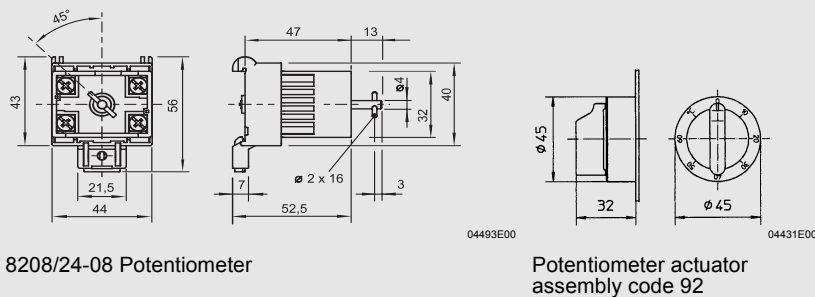
- Explosion protection to
 - CENELEC
 - IEC
- For use in Zone 1 and Zone 2
- Resistance values from 100 Ω up to 4,7 M Ω

01795E00

STAHL



The small Ex d enclosure 8208 can house potentiometers with a load capacity of 2 W.
For higher rated capacities, see potentiometer 8218.

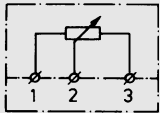
Dimension drawings (all dimensions in mm) - subject to alterations



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.

Zones 1 & 2

Selection table				
Version	Assembly	Description	Ordering code	Weight kg
 8208/24 Potentiometer 10028E00	8208A0096-24-08	Resistance values see add. to ordering code	8208/24-08-	0,090
	Add. to ordering code:	1 kΩ 4.7 kΩ 10 kΩ 100 Ω 100 kΩ 1MΩ 220 Ω 2.2 kΩ 22 kΩ 220 kΩ 2.2 MΩ 470 Ω 47 kΩ 470 kΩ 4.7 MΩ	.../.-.-01K0 .../.-.-04K7 .../.-.-010K .../.-.-0K10 .../.-.-0M10 .../.-.-01M0 .../.-.-0K22 .../.-.-02K2 .../.-.-022K .../.-.-0M22 .../.-.-02M2 .../.-.-0K47 .../.-.-047K .../.-.-0M47 .../.-.-04M7	
 8602 Actuators 04496E00	8602A0092-1-006	with scale 0 - 6	8602806167AA	0,030
	8602A0092-1-010	with scale 0 - 10	8602806167AB	0,030
	8602A0092-1-100	with scale 0 - 100	8602806167AC	0,030

Technical Data	
Explosion protection	⊕ II 2 G EEx de IIC / I M 2 Ex de I
Certificates	PTB 01 ATEX 1066 U
Other certificates	IECEX
Enclosure material	Polyamide
Max. permissible voltage	max. 450 V DC
Resistance values	100 Ω ... 4,7 MΩ
Characteristic	linear
Resistance tolerance	± 20 %
Rated power	2 W
Material of resistor	Carbon composition
Schematic	
Adjustment scale	270 °
Torque	0,7 Ncm ... 2 Ncm
Impact resistance	≥ 100 Ncm
Ambient temperature	- 20 °C ... + 40 °C
Flexible lead	2 x 2,5 mm ² flexible
Note	The switching capacity of the line side fuse of the potentiometer must be equal or larger than the maximum short circuit current (max. 3xI _B acc. to IEC 60127-2-1).

