

Potentiometer Series 8208

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Resistance values from 100 Ω to 4,7 M Ω


D4746P

STAHLELEKTRONIK

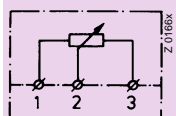
The small EEx d enclosure 8208 can house potentiometers with a load capacity of up to 2 W.
For higher rated capacities, see potentiometer 8218.

Zone 1 and Zone 2

Selection table

Version	Description	Ordering code		Weight [kg]	
		Type no. (for individual order)	Assembly (code for installation)		
 8208/24 Potentiometer	Rated power	1 W	8208/24 - 08 - S 001 - □□□□	96/S 001 - □□□□	0,1
		2 W	8208/24 - 08 - S 002 - □□□□	96/S 002 - □□□□	0,1
Addition to ordering code:					
		Resistance values (types in stock)	100 Ω 4,7 kΩ 220 kΩ 220 Ω 10 kΩ 470 kΩ 470 Ω 22 kΩ 1 kΩ 1 Ω 47 kΩ 2,2 kΩ 2,2 Ω 100 kΩ 4,7 kΩ		
Actuators	with scale:	0 - 6	88 000 00 92 6 AA	92/0 + 6	0,03
		0 - 10	88 000 00 92 6 AB	92/0 + 10	0,03
		0 - 100	88 000 00 92 6 AC	92/0 + 100	0,03

Technical data

Potentiometer	8208/24-08-S 001 (1 W)	8208/24-08-S 002 (2 W)
Explosion protection	EEx de IIC T6	
Test certificate	PTB NR. Ex-82/1106 U	
Enclosure material	Polyester	
Electrical data	Limit voltage 320 V Resistance values 100 Ω ... 1 MΩ Characteristic linear Resistance tolerance ± 20 % Rated power 1 W Material of resistor Carbon composition	450 V 100 Ω ... 4,7 MΩ linear ± 30 % 2 W Carbon composition
Schematic		
Mechanical data	Adjustment scale 285 ° Torque 0,5 ... 1,5 Ncm Impact resistance ≥ 40 Ncm	270 ° 0,7 ... 2 Ncm ≥ 100 Ncm
Ambient temperature	- 20° C ... + 40° C	
Terminals	2,5 mm ² flexible	

Dimensions, all dimensions in mm – subject to alteration

