



Potentiometer

Technical data

Potentiometer Type 418 8131

Marking to 94/9/EC	Ⓔ II 2 G Ex ed IIC T6 / Ⓔ I M 2 Ex de I
EC-Type Examination Certificate	PTB 97 ATEX 1081 U PTB 99 ATEX 1034 ¹⁾
Permissible ambient temperature	-20 °C to +40 °C -55 °C to +55 °C (option)
Rated voltage	up to 250 V AC
Power consumption	max. 1 W
Resistance range	100 - 10000 Ω
Tolerance	± 20 %
Connecting terminals	2 x 2.5 mm ²
Degree of protection accd. EN 60529	IP66 ¹⁾
Dimensions (L x W x H)	approx. 59 x 31 x 45 mm
Weight	0.15 kg
Type of mounting	Ø 30.5 mm fixing hole
Enclosure colour	grey
Angle of rotation	270°
Scale	0 - 100 %

¹⁾ If protective covers are used

Ex-Control and signal units for panel mounting



Potentiometer

Ordering code for Component (Code 2) Code A - B

A	B
GHG 418 8131 R00	—

Code	Component	Code
A	Potentiometer	GHG 418 8131

Code	Resistance	Code
B	0 - 100 Ohm	11
	0 - 220 Ohm	12
	0 - 470 Ohm	13
	0 - 1000 Ohm	14
	0 - 2200 Ohm	17
	0 - 4700 Ohm	15
	0 - 10000 Ohm	16

Example for ordering code (Code 2)

Version	Order No.	
	A	B
Potentiometer 1 W 25 % tolerance, without protective cover		
0 - 100 Ohm	GHG 418 8131	R 0011
0 - 220 Ohm	GHG 418 8131	R 0012
0 - 470 Ohm	GHG 418 8131	R 0013
0 - 1000 Ohm	GHG 418 8131	R 0014
0 - 2200 Ohm	GHG 418 8131	R 0017
0 - 4700 Ohm	GHG 418 8131	R 0015
0 - 10000 Ohm	GHG 418 8131	R 0016

Accessories

Type	OU	Order No.
Protective cover to meet IP66	5	GHG 410 1939 R0002

Please note that we can only deliver in the ordering units (OU) stated in the tables above

Dimension drawing

