

Hall-Potentiometer

HG2



The Hall-Potentiometer HG2 is distinguished by its precision and longevity.

Technical data

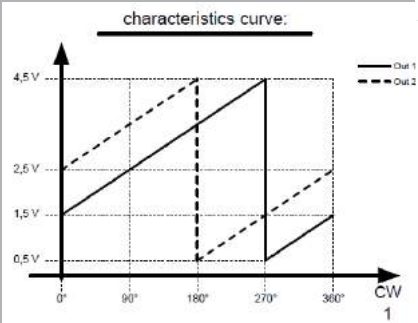
Mechanical life	10 million operating cycles
Operation temperature	-40°C to +85°C
Degree of protection	IP67
Functional safety	PLd compatible (EN ISO 13849, complies SIL2 to DIN EN IEC 61508)



		HG2A	-60	-6	-E1481	-X
Basic unit						
HG2A	Hall-Potentiometer HG2 Model A					
HG2B	Hall-Potentiometer HG2 Model B					
Operating distance						
0-360° possible						
Example 60° => 60						
Dead zone around the center position						
0 No dead zone						
Example +/-3° => 6						
Interface						
Voltage output HG2						
E1481	1 0,5...2,5...4,5 V dual inverse Ub= 5 V DC					
	2 0,5...2,5...4,5 V dual positive gradient clockwise (cw) Ub= 5 V DC					
	3 0,5...2,5...4,5 V dual positive gradient counter clockwise (ccw) Ub= 5 V DC					
E1491	1 0,5...2,5...4,5 V positive gradient clockwise (cw) with zero position signal Ub= 5 V DC					
	2 0,5...2,5...4,5 V positive gradient counter clockwise (ccw) with zero position signal Ub= 5 V DC					
	3 0,5...2,5...4,5 V positive gradient clockwise (cw) with direction signals Ub= 5 V DC					
	4 0,5...2,5...4,5 V positive gradient counter clockwise (ccw) with direction signals Ub= 5 V DC					
E1531	1 0,5...2,5...4,5 V redundant triangular characteristic 90° offset Ub= 5 V DC					
More interfaces (z.B. SPI BUS) on request!						
Special model						
X	Special / customer specified					

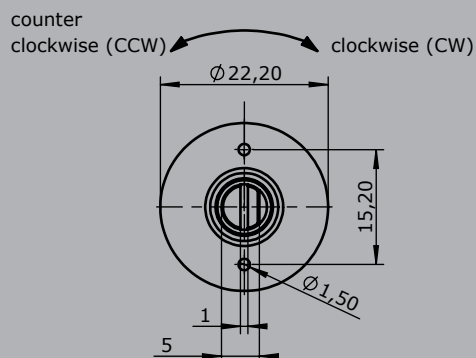
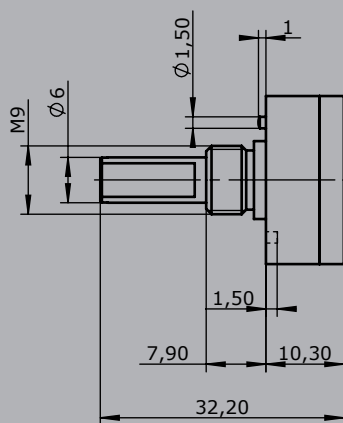
Example

2



Technical details may vary based on configuration or application! Technical data subject to change without notice!

HG2A



HG2B

