

# Hall-Potentiometer HG2



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

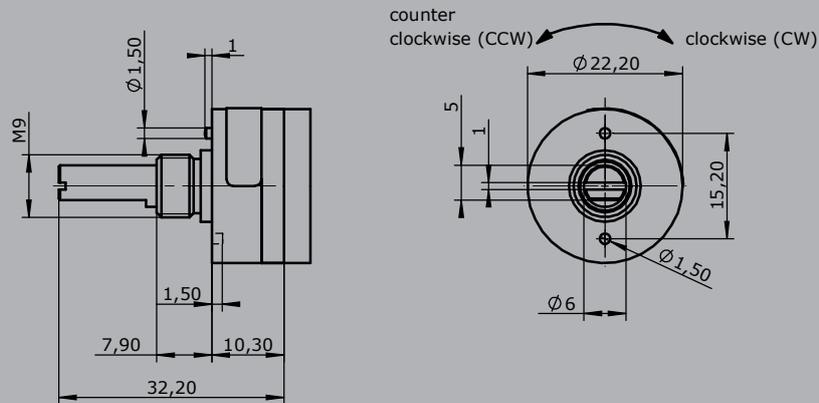
## Technical data

Mechanical life HG2	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	-E14811	-X
<b>Basic unit</b>					
HG2A	Hall-Potentiometer, Model A				
HG2B	Hall-Potentiometer, Model B				
<b>Operating distance</b>					
	0-360° possible				
	Example 60° => 60				
<b>Dead zone around the center position</b>					
	0 No dead zone				
	Example +/-3° => 6				
<b>Interface</b>					
<b>Voltage output HG2</b>					
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			
<i>More interfaces (for example SPI BUS) on request!</i>					
<b>Special model</b>					
X	Special / customer specified				

### HG2A



### HG2B

