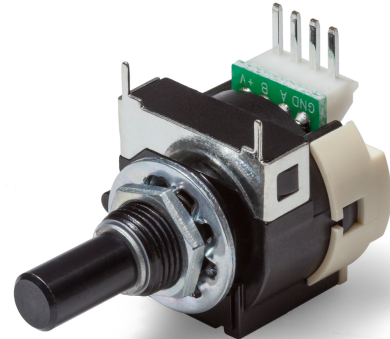


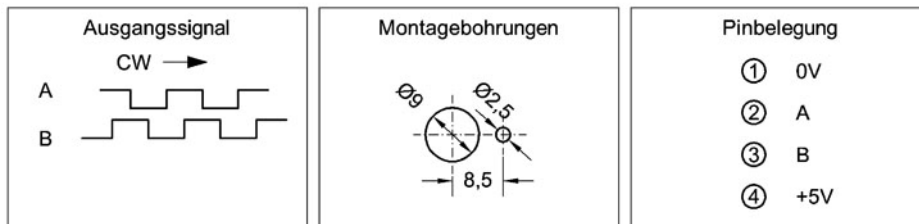
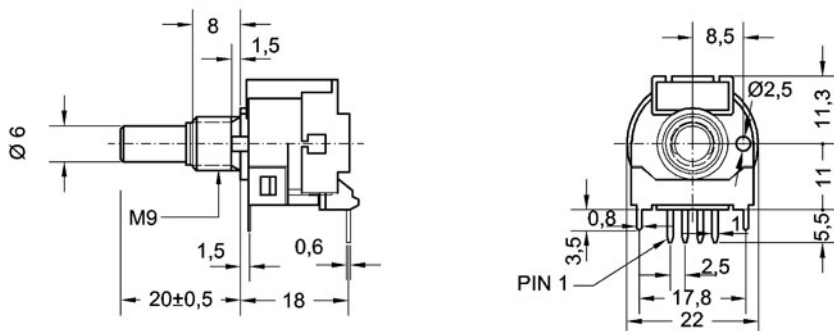
Series M101B / Optoelectronic Encoder

- 2 channels without index
- Without click
- Resolution 25 to 128 ppr
- Compact design
- Limit frequency 500 Hz

This series covers a wide range of applications. It is useable as a manual setpoint device or an economically sensor for applications which requires a average life.



Drawing and Interface



Series M101B / Optoelectronic Encoder

Electrical Data

Pulses	25, 50, 75, 100, 128 ppr
Channels	A, B
Frequency response	500 Hz
Supply voltage	5 V \pm 5%
Power consumption	30 mA

Mechanical Data

Maximum mech. revolution	400 rpm
Life time	2,5 Mio. turns
Operating torque	< 0,5 Ncm
Fastening torque mounting nut	0,8 Nm

Other Data

Protection class	IP40
Operating temperature	-0 .. +60°C
Storage temperature	-20 .. +80°C
Housing material	aluminium molded, plastic
Shaft material	nickel-plated brass
Disc material	metal
Weight	28 g

Series M101B / Optoelectronic Encoder

Options and Order Code

Series M101B	M101B						
<u>Resolution [Pulses per revolution]</u>							
		25 (*)					
		50					
		75 (*)					
		100					
		128					
<u>Supply voltage</u>							
5 VDC (linedriver)				5			
2 channels with index					B		

"bold print = standard option"

short-term stock types can be found on: <http://www.megatron.de/en/stocklists/angle-sensors/lagerliste.html>

(*) = on request available for projects

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