

Series MIB40 / Incremental Hall Effect Encoder

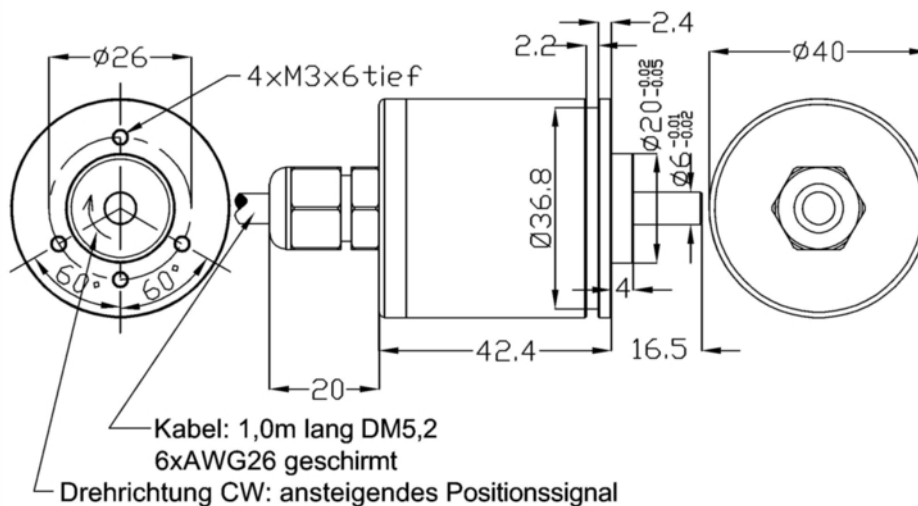
- upto 256 pulses/360° + index
- housing diameter 40 mm
- operating voltage 5V, 24V (3,3V on request)
- interfaces: Open Collector, TTL
- alternative mounting by threaded hole at front or servo flange
- protection class IP67

A robust housing with protection class IP67 qualifies the MIB40 to be used in rough environs.

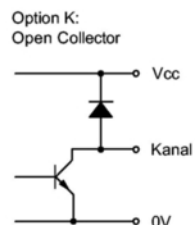
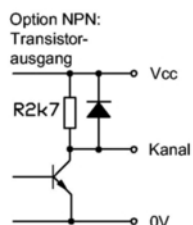
Flexible mounting for easy construction and production.



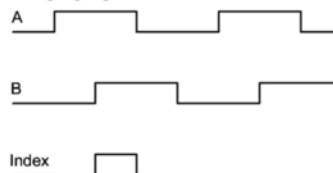
Drawing



Adernbelegung						
rt	bn	og	ge	gn	sw	
VSUP	NC*	Kanal B	Index	Kanal A	GND	
*) NC bitte NICHT anschließen !						



Flankenfolge bei Drehung im
Uhrzeigersinn typische
Ausgangssignale



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Electrical Data

Pulses	256 ppr (other on request)
Channels	A, B, Z
Limit Frequency	500 kHz
Supply Voltage	$4,5V \leq V_B \leq 5,5V$ / $8V \leq V_B \leq 30V$
Supply Current (no load)	< 20 mA

Mechanical Data

Maximum Speed	1000 rpm
Operational Torque	typical 1 Ncm

Other Data

Protection Class	IP67
Operating Temperature	-40° .. +85° C
Storage Temperature	-40° .. +85° C
Bearing	2 precision ball bearings
Housing Material	chromed aluminium
Shaft Material	stainless steel
Weight	approx. 90 g

Order Description

Series MIB40	MIB40					
<u>Resolution [Pulses per revolution]</u>						
		1024				
		512 (*)				
		256 (*)				
		2...128 (*)				
<u>Supply voltage / Output signal</u>						
24 V (9..30 V) / Open Collector			24 BZ OC			
Zero point alignment of the index pulse				N (*)		
Other shaft length [mm]					Axx (*)	
<u>Cable output</u>						
Axial - 1 m						-
Axial [m]						CVxx(*)

(*) = on request available for projects

Errors and specifications subject to change without notice.

27.10.2016