

## Series MIB40 / Incremental Hall Effect Encoder

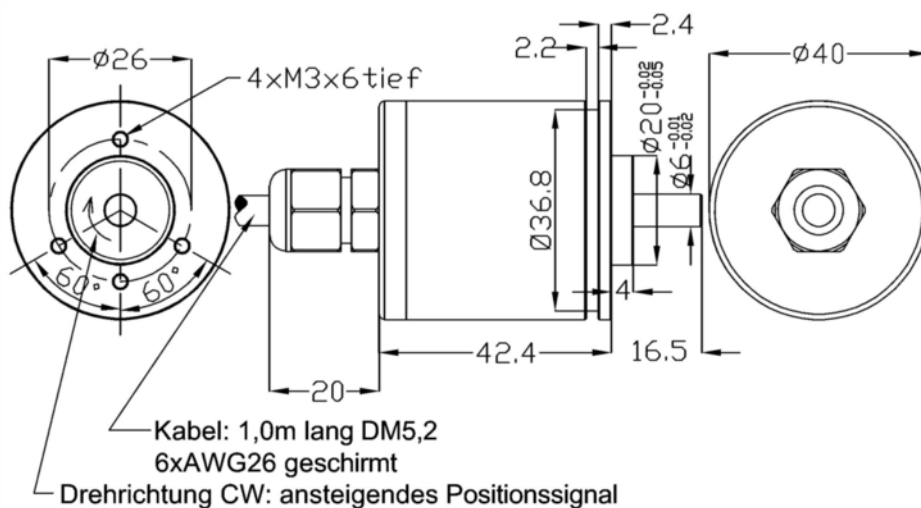
- upto 256 pulses/360° + index
- housing diameter 40 mm
- operating voltage 5V, 24V (3,3V on request)
- interfaces: Open Collector, TTL
- alternative mounting by threaded hole at front or servo flange
- protection class IP67

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

Flexible mounting for easy construction and production.

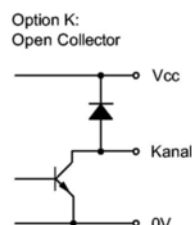
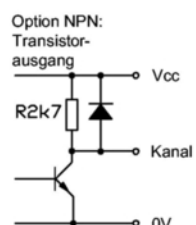


## Drawing

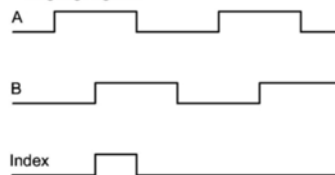


Adernbelegung					
rt	bn	og	ge	gn	sw
VSUP	NC*	Kanal B	Index	Kanal A	GND

\*) NC bitte NICHT anschließen !



Flankenfolge bei Drehung im Uhrzeigersinn typische Ausgangssignale



# Series MIB40 / Incremental Hall Effect Encoder

## 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.

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