

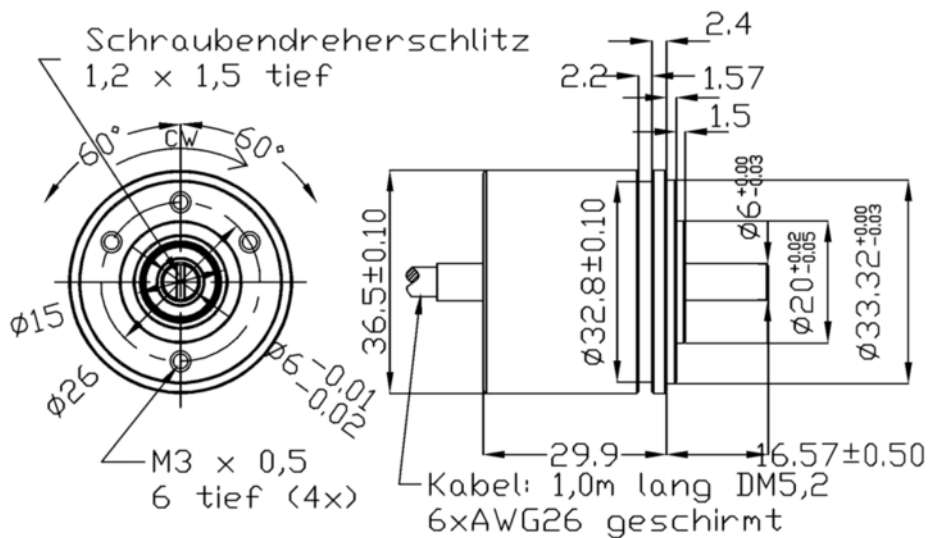
Series MIB36 / Incremental Hall Effect Encoder

- up to 256 pulses/360° + index
- housing diameter 36 mm
- operating voltage 5V, 24V (3,3V optional)
- interfaces: Open Collector, TTL
- alternative mounting by threaded hole at front or servo flange
- protection class IP65

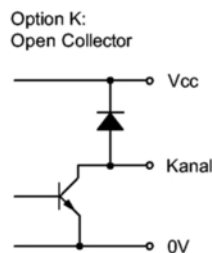
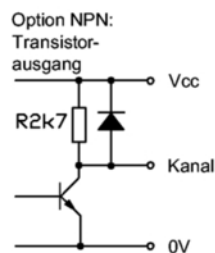
Flexible mounting on a robust housing with precision ball bearings qualifies the MIB36 for modern tool building and plant engineering.



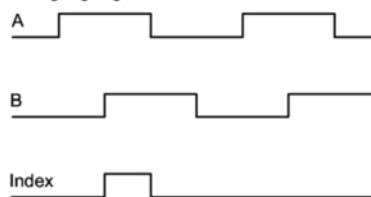
Drawing



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 MIB36 / Incremental Hall Effect Encoder

Electrical Data

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

Mechanical Data

Maximum Speed	6000 rpm
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Other Data

Protection Class Shaft and Housing	IP65
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 MIB36	MIB36					
<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			
<u>Zero point alignment of the index pulse</u>				N (*)		
<u>Other shaft length [mm]</u>					Axx (*)	
<u>Cable output</u>						
Axial - 1 m						
Round connector M12						M12
Axial [m]						CVxx(*)
Radial [m]						CVRxx(*)

(*) = on request available for projects

Errors and specifications subject to change without notice.

27.10.2016