

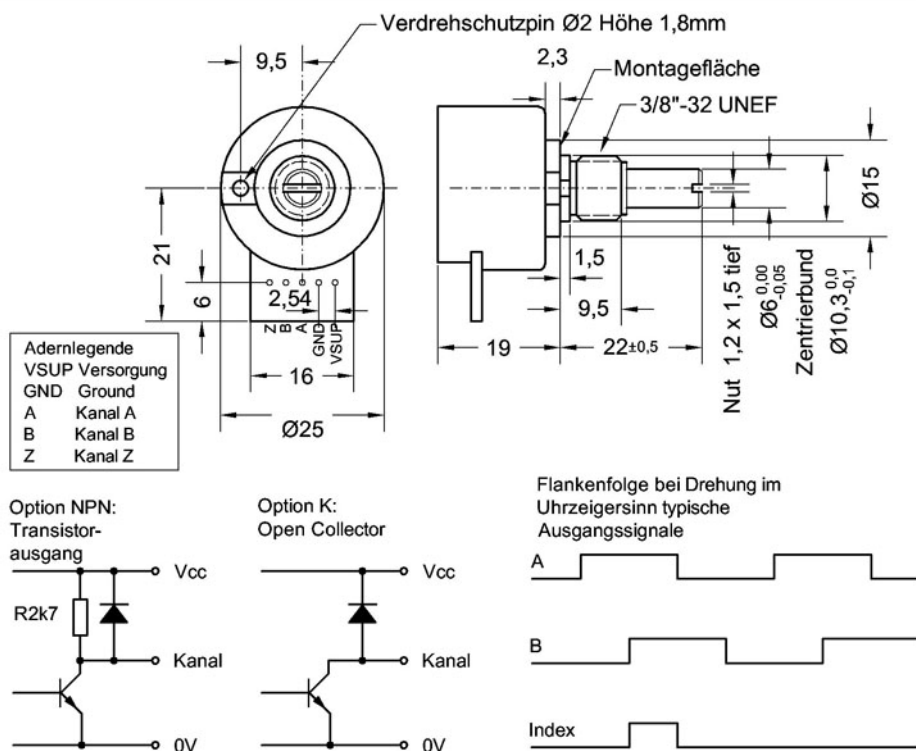
## Series MIB25 / Incremental Hall Effect Encoder

- low priced
- high life time polymer sleeve bearing
- protection class IP65 up front
- up to 256 pulses / 360° + index
- body diameter 25 mm
- operating voltage 5V, 24V (3,3V on request)
- interface: Push Pull, Open Collector, TTL

The MIB25 is a sensor with an excellent price/performance ratio, if an average lifetime is requested.



## Drawing



# Series MIB25 / Incremental Hall Effect Encoder

## Electrical Data

Pulses	256 ppr (other on request)
Channel	A, B, Z
Limit frequency	10 kHz
Supply voltage	$4,5V < V_B < 5,5V / 8V < V_B < 30V$
Supply current (no load)	< 20 mA

## Mechanical Data

Maximum mech. speed	approx. 3000 rpm
Lifetime	50 Mio. rev.
max. fastening torque of the mounting nut	1 Nm

## Other Data

Protection class: Shaft / Housing	IP65 / IP40
Operating temperature	-40 .. +85 °C
Storage temperature	-40 .. +85 °C
Bearing	polymer sleeve bearing
Housing material	glass-fiber reinforced polyamide
Shaft material	stainless steel
Mounting parts <small>included in delivery</small>	hex nut (SW14), toothed washer
Weight	approx. 22 g

## Order Description

Series	Pulses	Operating Voltage	Output Signal	Code
MIB25	256	5 V	TTL	MIB25 256 5 BZ TTL
			Open Collector	MIB25 256 5 BZ OC
		24 V	Open Collector	MIB25 256 24 BZ OC

## Our speciality are custom solutions

Examples: Pulses (32, 64, 128 Imp./Udr.), index width, Mounting of gear wheels and other mechanical parts, assembling of cables, connectors and more. Please ask for more options and fittings.

The specifications and information in this datasheet cannot consider all special demands that are caused by the application. Because of this, they are no general description of the properties of the product.

Please also consider our detailed specifications. (Available on request)

20. July 2009. All specifications are subject to change without notice.