## **Hollow Shaft**



- Hollow shaft (not through going, hub shaft) with 10 or 12 mm shaft
- safe mounting via clamping ring
- short built in dimensions
- short mounting time
- additional mounting ring washer as accessory

**VARIANTS** 

The hollow shaft encoder is available as follows:

- Singleturn up to 14 bit
- Multiturn up to 26 bit
- Connections: cable radial, connector radial, connector 2 fold radial (only with field bus interface)
- Interface: parallel, SSI, Interbus, CAN, CAN open, Profibus DP

TECHNICAL DATA mechanical

Mounting	Synchro flange with clamping shaft
	(not through going)
Shaft diameter	10 or 12 mm-hollow shaft <sup>1)</sup>
onare arameter	required tolerance of mounting shaft: q8
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Speed	max. 6000 RPM
Torque	≤ 1 Ncm
Moment of inertia	approx. 35 gcm <sup>2</sup>
Protection class (EN 60529)	housing IP 65, bearings IP 64
Operating temperature	−25 +85 °C (Interbus −10 +60 °C)
Storage temperature	−25 +85 °C
Vibration proof (IEC 68-2-6)	100 m/s² (10 500 Hz)
Shock resistance (IEC 68-2-27)	1000 m/s <sup>2</sup> (6 ms)
Type of connection radial	1,5 m cable 2) or connector
Housing	aluminium
Weight	Singleturn: RA 58-S 300 g approx.
	Multiturn: RA 58-M 350 g approx.

<sup>1) 8</sup> mm hollow shaft on request

**DIMENSIONED DRAWINGS** 

see section "Absolute Encoders - dimensioned drawings"

<sup>2)</sup> Other cable length on request

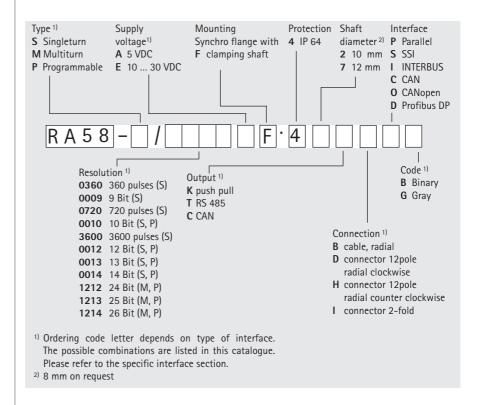
## Absolute Encoders

## **Hollow Shaft**

TECHNICAL DATA electrical

ORDERING DATA

The electrical data depends on the type of interface. Please refer to the specific interface section in this catalogue.



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