

# EBS.R-FN032.S012.A14.P0031

Magnetic rotor for bearingless encoder

Article number: 11704973

## Overview

- 32 poles on an outside diameter of 30.5 mm
- Simple screw mounting
- For 12 mm shaft diameter



## Technical data

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Dimensions	ø30.5 x 14 mm
Bore	ø12 mm
Sensing	Radial magnetic ring
Matchcode	FN
Magnetization	Incremental
Number of poles	32
Mounting type	Screw mounting
Operating speed	≤6000 rpm

### Technical data

Operating temperature	-40...+100 °C
Rotor moment of inertia	34 gcm <sup>2</sup>
Weight approx.	30 g
Material	Ferrite plastic-bonded Hub: aluminium
Relative humidity	95 %
Resistance	EN 60068-2-6 Vibration 30 g, 10-2000 Hz EN 60068-2-27 Shock 500 g, 1 ms
Coercitivity approx.	175 kA/m (20 °C)

## Dimensions

