

RECOMMENDED

Encoder HEDL 5540, 500 CPT, 3 Channels, with Line Driver RS 422

Part number 110516



- [▶ Compare product](#)
- [▶ Add to wish list](#)
- [▶ Make a request](#)
- ☒ Send to a colleague

[Enlarge image](#)

Price scales		
Price per unit	1-4	€85.73
	5-19	€74.82
	20-49	€63.82
	from 50	On request
Prices excluding VAT and shipping costs		
Sensors can be purchased only as a component of a combination.		

[Start combination](#)

[Print specifications](#)

Description

High precision encoders, DC tachometers and resolvers with a high signal resolution are mounted exclusively on motors with through shafts for resonance reasons. The assembly requires adjustment to the motors and may only be done in the delivery plant.

Specifications

Technical illustrations

[▶ Dimension drawing](#)

Information: Drawings are not to scale.

General information		
	Counts per turn	500
	Number of channels	3
	Line Driver	DS26LS31
	Max. mechanical speed	12000 rpm
	Shaft diameter	6 mm
Technical Data		
	Supply voltage V _{CC}	5.0V ± 10.0%
	Driver used logic	EIA RS 422
	Max. angular acceleration	250000 rad / s²
	Output current per channel	-20...20 mA
	Signal rise time	180 ns
	Measurement condition for signal rise time	CL=25pF, RL=2.7kOhm,
	Signal fall time	40 ns
	Measurement condition for signal fall time	CL=25pF, RL=2.7kOhm,
	Phase shift	90 °e
	Phase shift, inaccuracy	45 °e
	Index synchronized to AB	Yes
	Max. moment of inertia of code wheel	0.6 gcm²

	Operating temperature	-40...+100 °C
	Orientation of encoder output to motor flange	-1 °

Downloads



Catalog page

- | | |
|---|--------------|
| > Katalogseiten (deutsch, PDF 402 KB) | Version 2019 |
| > Catalog page (english, PDF 399 KB) | Version 2018 |
| > カタログページ (日本語, PDF 195 KB) | Version 2017 |



Other

- | | |
|---|--------------|
| > Product information (english, PDF 119 KB) | Version 2014 |
|---|--------------|