

Encoder HEDS 5540, 500 Counts per turn, 3 Channels

Part number 110511



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Price scales

Price per unit	1-4	CHF 86.00
	5-19	CHF 67.30
	20-49	CHF 62.80
	from 50	On request

Prices excluding VAT

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**General information**

Counts per turn	500
Number of channels	3
Line Driver	No
Max. mechanical speed	12000 rpm
Shaft diameter	3 mm

Technical Data

Supply voltage V _{CC}	5.0V ± 10.0%
Driver used logic	TTL
Max. angular acceleration	250000 rad / s ²
Output current per channel	-1...5 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 gcm ²
Operating temperature	-40...+100 °C
Orientation of encoder output to motor flange	-1.0 °

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