Temp - MA210 Series

emetaencoders.com

MA210

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HEAVY DUTY INCREMENTAL ENCODER Ø 58mm Encoder with synchroflange, rotation stop, 3 mountingholes M4

Main features

- ✓ High temparture
- ✓ Life time warrenty

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Conforms to european EMC directive 89/336/EEC standards
EN50081-1 emission in industrial environments
EN50082-2 immunity in industrial environment

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Connections

10. Axial cable, 1 m	20. Radial cable, 1 m
30. Axial 12-pin male connector CON-FM12P	40. Radial 12-pin male connector CON-FM12P
70. Axial cable 1 m with male connector CON-CF12P	80. Radial cable 1 m with male connector CON-CF12P

Mating Cables

For 30 or 40, CON-CF12S female connector (ø4-ø6mm cable)

For 70 or 80, CON-CM12S female connector (ø4-ø6mm cable)

Signal Accuracy

Dividing Error Max	±50 el°
Channel Separation	90 ±25 el°
Max Frequency	300 kHz
Operating Temperature	-40° to +80°C

Mechanical Specification

Housing	Aluminum, electrically conductive for increased interference protection
Sealing	IP65 dust and splash proof
Bearings	Permanently greased
Bearing Load At	1 000 rpm
Bearing Axial	70 N
Bearing Radial	110 N
Max RPM	6 000 (12 000)
Vibration	20g 20-2000 Hz
Shock	200g at 11 ms
Weight	approx: 200 g (without cable)

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