

EPIC® SIGNAL M23 D6 TWIST N 5-7.3 (1)**Article No.:** 381166485

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**CE****Details****Benefits**

- Reliable signal transmission, even in harsh environments.
- Stability thanks to die-cast zinc metal housing.
- Reliable protection against electromagnetic interference thanks to integrated EMC cable gland.
- TWIST quick-locking system enables easy connection to the counterpart (locking takes place after just one eighth of a turn). TWIST can be connected to market-standard plug connectors.
- The housing can be used with an insert for socket or pin contacts (available separately).

Application

- For use in control, regulating and measurement circuits.
- For transmitting feedback and resolver signals from the servo motor to the frequency converter.
- Especially for environments where electromagnetic compatibility (EMC) is required.
- For use with suitable TWIST counterparts of the EPIC® SIGNAL M23 series.

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Remarks

Technical Data

General information

Brand	EPIC®
Product type	Cable connector
Contacts included	No
Delivery Unit	1

Electrical parameters

Product design

Diameter connector	1.024 in
Total length	2.283 in
Type of housing	Cable connector
Connector housing design	Straight
Coded	Yes
With thread	No
With protective conductor	No
Format of connector	M 23 signal
Connector type	Plug
Type of coding	Black (N)
Screen contact	Yes
EMC shielding	Yes
Min. cable clamping range	0.197 in
Cable clamping range max.	0.287 in

Shield contact type	Terminal Connection
Housing main material	Zinc alloy
Housing base material, short form	Zn
Housing coating	Nickel-plated
Coating housing shortname	Ni
Seal type	Sealing ring
Material sealing	Acrylonitrile butadiene rubber
Colour description	black
Colour housing	silver

Product features

Min. number of insertion cycles	100
IP protection rating mounted	IP 68 - 1m (10h)
Operating temperature min. static (no plugging or unplugging)	-40 °C
Operating temperature max.	-25 °C
Operation temperature max.	125 °C
corrosion resistant	Yes
Halogenfree	Yes
Impact proof	Yes
Vibration protection	Yes

Certifications and standards

CE marking	Yes
UR recognized	No
cUR recognized	No
CSA certified	No
VDE certified	No

EPIC® SIGNAL M23 D6 TWIST

Article No.	Name	Type of coding	Min. cable clamping range	Cable clamping range max.	Delivery Unit
381166481	EPIC® SIGNAL M23 D6 TWIST N 7-10 (1)	Black (N)	0.276 in	0.394 in	1
381166482	EPIC® SIGNAL M23 D6 TWIST N 7-10 (20)	Black (N)	0.276 in	0.394 in	20
381166483	EPIC® SIGNAL M23 D6 TWIST N 9.5-13.5 (1)	Black (N)	0.374 in	0.531 in	1
381166484	EPIC® SIGNAL M23 D6 TWIST N 9.5-13.5 (20)	Black (N)	0.374 in	0.531 in	20
381166485	EPIC® SIGNAL M23 D6 TWIST N 5-7.3 (1)	Black (N)	0.197 in	0.287 in	1

V1.1