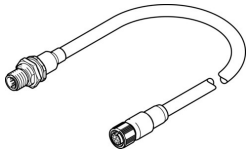
Encoder cable
NEBM-M12G12-RS-2.23-N-M12G12H

Part number: 571902



General operating condition

Encoder cable

Product details

Category page

Data sheet

Feature	Value
Conforms to standard	EN 61984
Cable designation	Without inscription label holder
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	12
Electrical connection 1, used connections/cores	11
Electrical connection 1, type of mounting	Screw-type lock, size 14 mm
Electrical connection 1, connection pattern	00995668
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 2, number of connections/cores	12
Electrical connection 2, used connections/cores	11
electrical connection 2, type of mounting	Screw-type lock with hex A/F18
Electrical connection 2, connection pattern	00995669
Operational voltage range DC	0 V ... 30 V
Nominal operating voltage DC	24 V
Operational voltage range AC	0 V ... 30 V
Nominal operating voltage AC	24 V
Current rating at 40° C	1 A
Shielding	Yes
Cable length	2.23 m
Cable characteristic	Suitable for robot applications
Bending radius, moving cable	≥70 mm
Cable diameter	7 mm
Cable structure	12 x 0.14 mm²
Nominal cross section conductor	0.14 mm²
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 80 °C
Ambient temperature with moving cable	0 °C ... 40 °C

Feature	Value
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Pollution degree	3
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material housing	TPE-U(PUR)
Material seals	NBR
Material insulating sheath	TPE-E