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Encoder cable
NEBM-M12W8-E-2.5-LE8

Part number: 1451675

FESTO



Data sheet

Feature	Value
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	Angled
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Electrical connection 1, used connections/cores	8
Electrical connection 1, connection pattern	00992265
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	8
Electrical connection 2, used connections/cores	8
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
Cable length	2.5 m
Cable characteristic	Suitable for energy chains
Bending radius, moving cable	≥68 mm
Cable diameter	6.8 mm
Cable structure	4 x 2 x 0.14 mm² Shielded
Nominal cross section conductor	0.14 mm²
Wire ends	Wire end sleeve
Degree of protection	IP65
Note on degree of protection	In assembled state
Ambient temperature	-40 °C ... 80 °C
Ambient temperature with moving cable	-5 °C ... 80 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Material cable sheath	TPE-U(PUR)
Cable sheath colour	grey