Encoder cable NEBM-M12W8-E-2.5-LE8

FESTO

Part number: 1451675



Data sheet

Feature	Value	
Cable designation	Without label holder	
Electrical connection 1, function	Field device end	
Electrical connection 1, design	Round	
Electrical connection 1, connection type	Socket	
Electrical connection 1, cable outlet	Angled	
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101	
Electrical connection 1, number of pins/wires	8	
Electrical connection 1, occupied pins/wires	8	
Electrical connection for input 1, connection pattern	00992265	
Electrical connection 2, function	Control side	
Electrical connection 2, connection type	Cable	
Electrical connection 2, connection technology	Open end	
Electrical connection 2, number of pins/wires	8	
Electrical connection 2, occupied pins/wires	8	
DC operating voltage range	0 V 30 V	
Nominal operating voltage DC	24 V	
Operating 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, flexible cable installation	≥68 mm	
Cable diameter	6.8 mm	
Cable design	4 x 2 x 0.14 mm ² Shielded	
Nominal conductor cross section	0.14 mm²	
Wire ends	Cable end sleeve	
Degree of protection	IP65	
Note on degree of protection	In mounted state	
Ambient temperature	-40 °C 80 °C	
Ambient temperature with flexible cable installation	-5 ℃ 80 ℃	
CE marking (see declaration of conformity)	As per EU RoHS directive	
UKCA marking (see declaration of conformity)	To UK RoHS instructions	
LABS (PWIS) conformity	VDMA24364-B2-L	
Note on materials	RoHS-compliant	
Material of cable sheath	TPE-U(PUR)	
Color cable sheath	Gray	