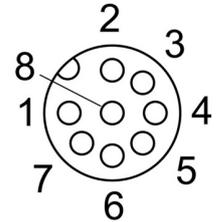
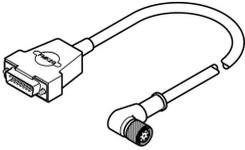


Encoder cable NEBM-M12W8-E-20-N-S1G15

Part number: 5105629

FESTO



Data sheet

Feature	Value
Type code	NEBM
Conforms to standard	EN 61984
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, design	Rectangular
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	Sub-D
Electrical connection 2, number of pins/wires	15
Electrical connection 2, occupied pins/wires	8
Electrical connection 2, connection pattern	00995641
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
Current rating at 40°C	3 A
Note on acceptable current load at 40°C	2 A for conductor cross-section of 0.14 mm ²
Surge resistance	0.5 kV
Cable length	20 m
Cable characteristic	Suitable for energy chains
Bending radius, fixed cable installation	≥20 mm
Bending radius, flexible cable installation	≥75 mm
Cable diameter	6 mm
Cable design	1 x 4 x 0.14 mm ² + 4 x 0.34 mm ² Shielded

Feature	Value
Nominal conductor cross section	0.34 mm ² 0.14 mm ²
Degree of protection	IP65
Note on degree of protection	IP30 for Sub-D plug In mounted state
Ambient temperature	-40 °C ... 80 °C
Ambient temperature with flexible cable installation	-10 °C ... 80 °C
Note on materials	RoHS-compliant
Contamination level	3
Material of cable sheath	TPE-U(PUR)