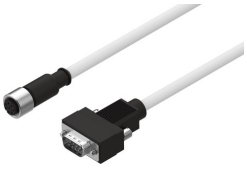
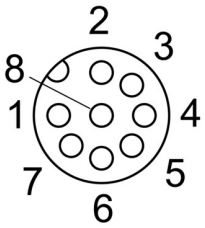
Encoder cable
NEBM-M12G8-E-5-S1G9-V3

Part number: 1599105





Data sheet

Feature	Value
Type code	NEBM
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	Straight
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	9
Electrical connection 2, occupied pins/wires	8
Electrical connection 2, connection pattern	00995639
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	5 m
Cable characteristic	Suitable for energy chains
Bending radius, flexible cable installation	≥100 mm
Cable diameter	8.2 mm
Cable design	3 x (2 x 0.14 mm²) + 2 x (0.5 mm²) Shielded
Nominal conductor cross section	0.14 mm² 0.5 mm²
Degree of protection	IP65
Note on degree of protection	In mounted state
Ambient temperature	-50 °C ... 80 °C
Ambient temperature with flexible cable installation	-40 °C ... 75 °C

Feature	Value
CE marking (see declaration of conformity)	As per EU RoHS directive
Note on materials	RoHS-compliant
Corrosion resistance class (CRC)	0 - No corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray