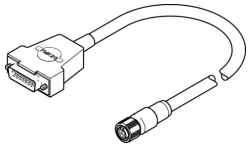
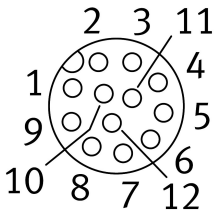
Encoder cable
NEBM-M12G12-RS-15-N-S1G15

Part number: 571915





Data sheet

Feature	Value
Conforms to standard	DIN 47100 EN 61984
Cable designation	Without 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, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	12
Electrical connection 1, occupied pins/wires	11
Electrical connection 1, type of mounting	Screw-type lock with AF 14
Electrical connection 2, function	Control side
Electrical connection 2, design	Square
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	11
Electrical connection 2, type of mounting	Screw-type lock with hexagon, AF 18
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	1 A
Shield	Yes
Cable length	15 m
Cable characteristic	Suitable for robot applications
Bending radius, flexible cable installation	70 mm
Cable diameter	7 mm
Cable design	12 x 0.14 mm²

Feature	Value
Nominal conductor cross section	0.14 mm²
Degree of protection	IP67
Note on degree of protection	IP50 for Sub-D plug In mounted state
Ambient temperature	-25 °C...80 °C
Ambient temperature with flexible cable installation	0 °C...40 °C
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
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black
Housing material	TPE-U(PUR)
Material of union nut	Die-cast zinc, nickel-plated
Seals material	NBR
Insulating sheath material	TPE-E