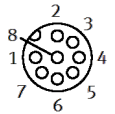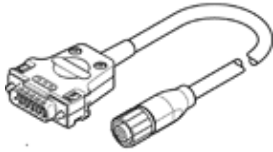# Encoder cable
NEBM-M12G8-E-10-N-S1G15

Part number: 8003763
Product to be discontinued

Suitable for servo motor EMME-AS-...

FESTO

Data sheet

Feature	Value
Cable identification	Without inscription label holder
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	8
Electrical connection 2, function	Controller side
Electrical connection 2, design	Angular
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
Operating voltage range DC	0 ... 30 V
Nominal operating voltage DC	24 V
Operating voltage range AC	0 ... 30 V
Nominal operating voltage, AC	24 V
Cable length	10 m
Cable attribute	Suitable for energy chains
Bending radius, flexible cable installation	>= 68 mm
Cable diameter	6.8 mm
Cable structure	4x2x0,14
	Shielded
Nominal conductor cross-section	0.14 mm2
Protection class	IP65
Note on degree of protection	IP30 for plug connector Sub-D
	in assembled condition
Ambient temperature	-40 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE symbol (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath color	Grey