

encoder cable

NEBM-M12G8-E-7-LE8

Part number: 1451589

★ Core product range

[Suitable for servo motor EMMS-ST-...](#)

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, 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
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	7 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 mm ²
Wire ends	Wire end ferrule
Protection class	IP65
Note on degree of protection	in assembled condition
Ambient temperature	-40 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE mark (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
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey