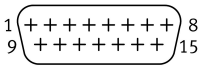
Encoder cable
NEBM-M12G8-E-7.5-N-S1G15

Part number: 8004665





Data sheet

Feature	Value
Cable designation	Without inscription 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, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Electrical connection 1, used connections/cores	8
Electrical connection 2, function	Controller side
Electrical connection 2, design	Angular
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	Sub-D
Electrical connection 2, number of connections/cores	15
Electrical connection 2, used connections/cores	8
Operational voltage range DC	0 V...30 V
Nominal operating voltage DC	24 V
Operational voltage range AC	0 V...30 V
Nominal operating voltage AC	24 V
Shielding	yes
Cable length	7.5 m
Cable characteristic	Suitable for energy chains
Bending radius, moving cable	68 mm
Cable diameter	6.8 mm
Cable structure	4 x 2 x 0.14 mm²
Nominal cross section conductor	0.14 mm²
Degree of protection	IP65
Note on degree of protection	IP30 for Sub-D plug connector In assembled state
Ambient temperature	-40 °C...80 °C
Ambient temperature with moving cable	-5 °C...80 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive

Feature	Value
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Corrosion resistance class CRC	0 - No corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey