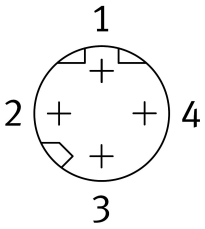
Connecting cable
NEBC-D8G4-ES-7.5-N-S-R3G4-ET

Part number: 8188947





Data sheet

Feature	Value
Based on standard	EN 61076-2-114
Cable designation	Without inscription label holder
Frequency of connection	100
Mounting position	Any
Product weight	286.5 g
Electrical connection 1, function	Control side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	M8x1, D-coded according to EN 61076-2-114
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock with longitudinal knurl
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, connector system	RJ45 to IEC 60603-7-3
Electrical connection 2, number of connections/cores	8
Electrical connection 2, used connections/cores	4
electrical connection 2, type of mounting	Snap-locking
Operational voltage range DC	0 V...60 V
Nominal operating voltage DC	24 V
Current rating at 40° C	1 A
Immunity to surge	1.5 kV
Reverse polarity protection	No
Protective conductor connection	Not provided
Shielding	Yes
Transmission characteristics	According to system communication AP
Cable length	7.5 m

Feature	Value
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	18 mm
Bending radius, moving cable	75 mm
Cable diameter	5.5 mm
Cable diameter tolerance	±0.2 mm
Cable structure	2 x 2 x AWG26
Conductor nominal cross section	AWG26
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Special characteristics	UV-resistant Flame-retardant and self-extinguishing Hydrolysis-resistant Resistant to microbes Oil-resistant
Ambient temperature	-40 °C...80 °C
Ambient temperature with moving cable	-20 °C...80 °C
Storage temperature	-20 °C...70 °C
Overvoltage category	II
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	CFC-free RoHS compliant Free of halogen Free of phosphoric acid ester Silicone free
Pollution degree	3
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	PUR
Cable sheath colour	Silver-grey with sky blue stripe
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Brass, nickel-plated
Material electrical contact	Gold-plated copper alloy
Material insulating sheath	PP