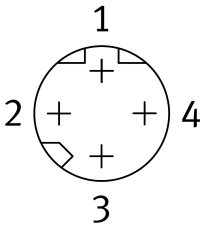
Connecting cable
NEBC-D8G4-ES-3-N-S-D8G4-ET

Part number: 8235496





Data sheet

Feature	Value
Based on standard	EN 61076-2-114
Approval	c UL us (OL)
Certificate issuing authority	UL E474609
Cable designation	Without inscription label holder
Frequency of connection	100
Product weight	196 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 Rotatable
Electrical connection 1, compatible type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connector system	M8x1, D-coded according to EN 61076-2-114
Electrical connection 2, number of connections/cores	4
Electrical connection 2, used connections/cores	4
electrical connection 2, type of mounting	Screw-type lock with longitudinal knurl Rotatable
Electrical connection 2, compatible type of mounting	Compatible with rotatable/non-rotatable screw-type lock
Operational voltage range DC	0 V...30 V
Note on operational voltage range DC	0 - 30 V for UL applications
Nominal operating voltage DC	24 V
Current rating at 40° C	3 A

Feature	Value
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	3 m
Cable characteristic	Suitable for energy chains
Test conditions cable	Test conditions on request
Bending radius, fixed cable	20 mm
Bending radius, moving cable	75 mm
Cable diameter	6.3 mm
Cable diameter tolerance	±0.2 mm
Cable structure	1 x (4 x AWG22)
Conductor nominal cross section	AWG22
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Special characteristics	Oil-resistant
Ambient temperature	-20 °C...60 °C
Ambient temperature with moving cable	-5 °C...60 °C
Storage temperature	-40 °C...70 °C
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	RoHS compliant Free of halogen
Pollution degree	3
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Silver-grey with sky blue stripe
Material housing	PA TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Brass, nickel-plated
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material insulating sheath	PP