

Connecting cable

NEBC-R3Z12G20-KH-5-N-SBS-RSG17-ET-S1

FESTO

Part number: 8126916



 General operating condition

Data sheet

Feature	Value
Cable designation	Without inscription label holder
Product weight	680 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug and socket strip
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	RJ45 and socket strip 12 pins, 2 rows
Electrical connection 1, number of connections/cores	20
Electrical connection 1, used connections/cores	14
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 1, connection pattern	00997347
Electrical connection 2, function	Controller side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Hybrid plug
Electrical connection 2, cable outlet	Straight
Electrical connection 2, number of connections/cores	17
Electrical connection 2, used connections/cores	14
electrical connection 2, type of mounting	Threaded
Electrical connection 2, connection pattern	00997346
Operational voltage range DC	0 V ... 24 V
Nominal operating voltage DC	24 V
Current rating at 40° C	11.7 A
Immunity to surge	6 kV
Shielding	no
Cable length	5 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥130 mm
Bending radius, moving cable	≥130 mm
Cable diameter	8 mm
Cable diameter tolerance	± 1 mm
Cable structure	4 x (1 x 0.128 mm ²) + 10 x 0.128 mm ²
Nominal cross section conductor	0.128 mm ²
Degree of protection	IP65
Note on degree of protection	In assembled state
Ambient temperature	0 °C ... 40 °C

Feature	Value
Ambient temperature with moving cable	0 °C ... 40 °C
Storage temperature	-20 °C ... 70 °C
CE mark (see declaration of conformity)	To EU Low Voltage Directive
LABS (PWIS) conformity	VDMA24364 zone III
Note on materials	RoHS-compliant
Pollution degree	3
Corrosion resistance class CRC	0 - No corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Red
Material insulating sheath	PP