

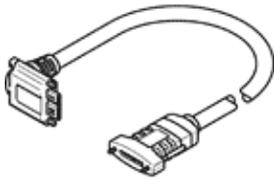
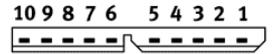
# connecting cable

## NEBC-U7W10-KS-0.5-N-SB-U7G10

Part number: 8093270  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2025. See Support Portal for alternative products.



### Data sheet

Feature	Value
Cable identification	Without inscription label holder
Product weight	35 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	USB 3.0 type B micro
Electrical connection 1, number of pins/wires	10
Electrical connection 1, occupied pins/wires	9
Electrical connection 1, type of mounting	2x screws M2x0.4
Electrical connection 2, function	Controller side
Electrical connection 2, design	Angular
Electrical connection 2, connection type	Plug socket
Electrical connection 2, cable outlet	Straight
Electrical connection 2, connection technology	USB 3.0 type B micro
Electrical connection 2, number of pins/wires	10
Electrical connection 2, occupied pins/wires	9
Electrical connection 2, type of mounting	2x threaded bush M2x0.4
Operating voltage range DC	0 ... 30 V
Operating voltage range AC	0 ... 30 V
Acceptable current load at 40°C	1.4 A
Surge strength	1 kV
Shielding	Yes
Transmission properties	as per system communication AP
Cable length	0.45 m
Cable attribute	Standard
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 62 mm
Bending radius, flexible cable installation	≥ 62 mm
Cable diameter	6.2 mm
Cable structure	2 x AWG22 + 2 x (2 x AWG26)C + 1 x (2 x AWG28)
Nominal conductor cross-section	0.32 mm <sup>2</sup>
Protection class	IP20
Note on degree of protection	in assembled condition
Ambient temperature	-10 ... 80 °C
Ambient temperature with flexible cable installation	-10 ... 80 °C
Storage temperature	-10 ... 80 °C
PWIS conformity	VDMA24364 zone III
Materials note	Conforms to RoHS
Degree of contamination	1
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	PVC
Cable sheath colour	Black
Material housing	PVC
Housing colour	Black
Material insulation	PVC