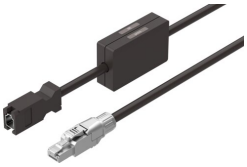
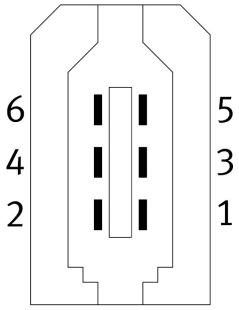
Adapter
NEFM-REG6-K-0.5-B-R3G8

Part number: 8097195





Data sheet

Feature	Value
Additional functions	For battery
Product weight	64 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Connection pattern RE
Electrical connection 1, number of pins/wires	6
Electrical connection 1, occupied pins/wires	4
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, connection technology	RJ45
Electrical connection 2, number of pins/wires	8
Electrical connection 2, occupied pins/wires	6
DC operating voltage range	0 V...30 V
Operating voltage range AC	0 V...30 V
Current rating at 40° C	1.6 A
Surge resistance	2 kV
Shield	Yes
Cable length	0.5 m
Cable characteristic	Standard
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	68 mm
Cable diameter	6.8 mm
Cable design	4 x (2 x 0.081 mm²) + 1 x (2 x 0.205 mm²)
Nominal conductor cross section	0.081 mm²

Feature	Value
	0.205 mm² AWG24 AWG28
Degree of protection	IP20
Note on degree of protection	In mounted state
Ambient temperature	-40 °C...80 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364 Zone III
Note on materials	RoHS compliant
Contamination level	3
Corrosion resistance class (CRC)	0 - No corrosion stress
Material of cable sheath	PVC
Color cable sheath	Black
Housing material	PVC
Housing colour	Gray
Insulating sheath material	PVC