

Power supply socket NEBU-G78W5-K-2-N-LE5

Part number: 573855

FESTO



 General operating condition

Data sheet

Feature	Value
Based on standard	NFPA/T3.5.29 R1-2007
Cable designation	Without inscription label holder
Frequency of connection	100
Product weight	680 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, note on cable outlet	Cable outlet not in line with the industry standard. Matched with the CPX protective cover.
Electrical connection 1, connector system	G7/8 coded to NFPA/T3.5.29 R1-2007
Electrical connection 1, number of connections/cores	5
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 1, connection pattern	00995652
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	5
Electrical connection 2, used connections/cores	5
Operational voltage range DC	0 V ... 300 V
Operational voltage range AC	0 V ... 300 V
Current rating at 40° C	9 A
Immunity to surge	4 kV
Cable length	2 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Bending radius, fixed cable	≥65 mm
Cable diameter	8.7 mm
Cable diameter tolerance	± 0.2 mm
Cable structure	5 x 1.5 mm ²
Nominal cross section conductor	1.5 mm ²
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Ambient temperature	-20 °C ... 80 °C

Feature	Value
CE mark (see declaration of conformity)	To EU Low Voltage Directive
UKCA marking (see declaration of conformity)	To UK regulations for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Corrosion resistance class CRC	1 - Low corrosion stress
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material electrical contact	Gold-plated brass