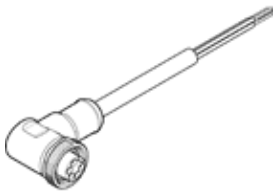
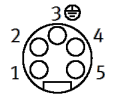


# power supply socket NEBU-G78W5-K-2-N-LE5

Part number: 573855

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Based on the standard                                | NFPA/T3.5.29 R1-2007   |
| Cable identification                                 | Without inscription label holder   |
| Connection frequency                                 | 100  |
| Product weight                                       | 680 g  |
| Electrical connection 1, function                    | Field device side  |
| Electrical connection 1, design                      | Round  |
| Electrical connection 1, connection type             | Plug socket  |
| Electrical connection 1, cable outlet                | Angled   |
| Electrical connection 1, note about the cable outlet | Cable outlet not according to industry standard. Matched with CPX protective hood. |
| Electrical connection 1, connection technology       | G7/8 coded to NFPA/T3.5.29 R1-2007   |
| Electrical connection 1, number of pins/wires        | 5  |
| Electrical connection 1, occupied pins/wires         | 5  |
| Electrical connection 1, type of mounting            | Screw lock   |
| Electrical connection 2, function                    | Controller side  |
| Electrical connection 2, connection type             | Cable  |
| Electrical connection 2, connection technology       | Open end   |
| Electrical connection 2, number of pins/wires        | 5  |
| Electrical connection 2, occupied pins/wires         | 5  |
| Operating voltage range DC                           | 0 ... 300 V  |
| Operating voltage range AC                           | 0 ... 300 V  |
| Acceptable current load at 40°C                      | 9 A  |
| Surge strength                                       | 4 kV   |
| Cable length   | 2 m  |
| Cable attribute                                      | Standard   |
| Test conditions of cable                             | Test conditions on request   |
| Bending radius, fixed cable installation             | ≥ 65 mm  |
| Cable diameter                                       | 8.7 mm   |
| Cable diameter tolerance                             | ± 0,2 mm   |
| Cable structure                                      | 5x1,5  |
| Nominal conductor cross-section                      | 1.5 mm <sup>2</sup>  |
| Protection class                                     | IP65<br>IP67   |
| Note on degree of protection                         | in assembled condition   |
| Ambient temperature                                  | -20 ... 80 °C  |
| CE mark (see declaration of conformity)              | to EU directive low-voltage devices  |
| UKCA marking (see declaration of conformity)         | To UK instructions for electrical equipment  |
| PWIS conformity                                      | VDMA24364-B2-L   |
| Materials note                                       | Conforms to RoHS   |
| Degree of contamination                              | 3  |
| Corrosion resistance classification 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                          | Brass, gold-plated   |