

M8 power connector, Socket insert 4-pole



| General information   |   |                |                       |
|---|---|----------------|-----------------------|
| Product type designation                                      | Power connector   |                |                       |
| Product description   | M8 plug connector with high degree of protection, socket insert, 4-pin, plastic version |                |                       |
| Suitability for use   | For connection to ET 200AL for 24 V DC power supply                                     |                |                       |
| Degree and class of protection                                |   |                |                       |
| IP degree of protection                                       | IP65/67   |                |                       |
| Ambient conditions  |   |                |                       |
| Ambient temperature during assembly, min.                     | -30 °C  |                |                       |
| Ambient temperature during assembly, max.                     | 85 °C   |                |                       |
| Ambient temperature during storage/transportation             |   |                |                       |
| • min.  | -40 °C  |                |                       |
| • max.  | 85 °C   |                |                       |
| connection method   |   |                |                       |
| Connector type  | M8, 4-pole  |                |                       |
| Type of electrical connection for mains supply line           | Screw terminals   |                |                       |
| • connectable cable cross-section for mains supply line, min. | 0.14 mm <sup>2</sup>  |                |                       |
| • connectable cable cross-section for mains supply line, max. | 0.5 mm <sup>2</sup>   |                |                       |
| • Connectable conductor cross-section for AWG cables, min.    | 26  |                |                       |
| • Connectable conductor cross-section for AWG cables, max.    | 20  |                |                       |
| Suitable for cable diameter, min.                             | 4 mm  |                |                       |
| usable for cable diameter, max.                               | 5.5 mm  |                |                       |
| Mechanics/material  |   |                |                       |
| Outgoing feeder type  | 180° cable outlet   |                |                       |
| Material of housing   | plastic   |                |                       |
| Dimensions  |   |                |                       |
| Width   | 14 mm   |                |                       |
| Depth   | 47 mm   |                |                       |
| Classifications   |   |                |                       |
|   |   | <b>Version</b> | <b>Classification</b> |
|   | eClass  | 14             | 27-24-26-92           |
|   | eClass  | 12             | 27-24-26-92           |
|   | eClass  | 9.1            | 27-24-26-92           |
|   | eClass  | 9              | 27-24-26-92           |
|   | eClass  | 8              | 27-24-26-92           |
|   | eClass  | 7.1            | 27-24-26-92           |

|        |    |             |
|--------|----|-------------|
| eClass | 6  | 27-24-26-92 |
| ETIM   | 9  | EC002584    |
| ETIM   | 8  | EC002584    |
| ETIM   | 7  | EC002584    |
| IDEA   | 4  | 3552        |
| UNSPSC | 15 | 32-15-17-03 |

### Approvals / Certificates

#### General Product Approval

[Manufacturer Declaration](#)



last modified:

3/12/2024 