

SH ETH U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Features and benefits:

- Ethernet-APL compliant
- Space and weight saving design
- Cost-effective alternative to RJ45 and M12 connections
- Available with PUSH IN, SNAP IN, clamping yoke or tension spring connection
- Suitable for THT and THR soldering processes
- 10 Mbit/s communication for long ranges (1000m) according to IEEE 802.3cg-2019
- PoDL remote power supply according to IEEE 802.3bu
- Ethernet-APL is suitable for all IIoT devices and tailored for the process industry

General ordering data

| | |
|------------|--|
| Version | Shield clamp, Accessories, Screw flange, Number of poles: 1, zinc plated, Silver grey, Box |
| Order No. | 2903230000 |
| Type | SH ETH U |
| GTIN (EAN) | 4099986575172 |
| Qty. | 25 items |
| Packaging | Box |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 26.9 mm | Depth (inches) | 1.0591 inch |
| Height | 15.1 mm | Height (inches) | 0.5945 inch |
| Width | 22.4 mm | Width (inches) | 0.8819 inch |
| Net weight | 2.48 g | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

System specifications

| | | | |
|----------------------|---------------------|----------------------------------|--------------|
| Number of poles | 1 | Shielding material | Steel |
| Shielding | 360° shield contact | Side termination, characteristic | Screw flange |
| Type of connection | Screw connection | Cable diameter, max. | 8 mm |
| Cable diameter, min. | 4.5 mm | Product family | Accessories |
| Shield surface | zinc plated | | |

Material data

| | | | |
|-----------------------------|-------------|-----------------------------|-------------|
| Colour | Silver grey | Colour chart (similar) | RAL 7001 |
| Contact material | Cu-alloy | Contact surface | zinc plated |
| Storage temperature, min. | -40 °C | Storage temperature, max. | 80 °C |
| Operating temperature, min. | -40 °C | Operating temperature, max. | 80 °C |

Packing

| | | | |
|-----------|----------|------------|-----------|
| Packaging | Box | VPE length | 118.00 mm |
| VPE width | 89.00 mm | VPE height | 31.00 mm |

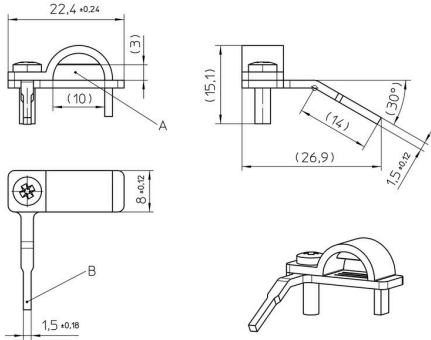
Important note

Notes

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002637 | ETIM 9.0 | EC002637 |
| ETIM 10.0 | EC002637 | ECLASS 14.0 | 27-46-02-01 |
| ECLASS 15.0 | 27-46-02-01 | | |

Drawings



A) Clamping range
B) Contact pin for cross sections 1,5mm²
Units are in millimeters [mm] and degrees [°]

