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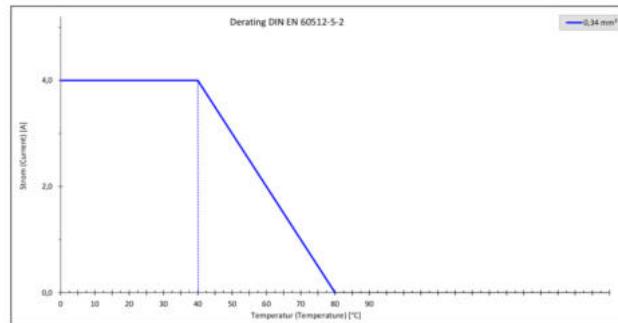
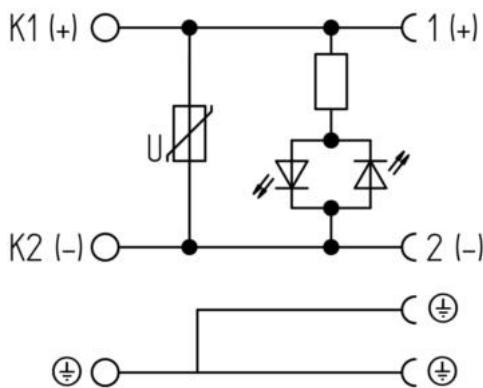
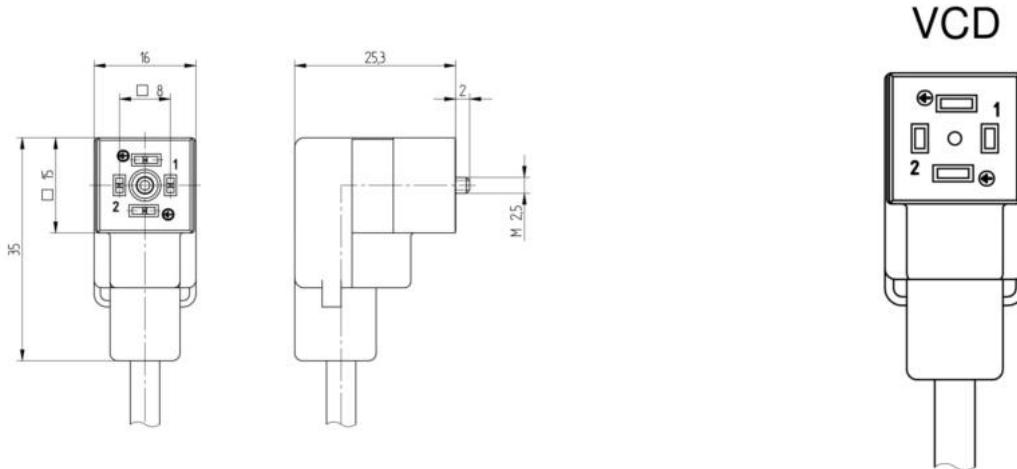
Product: [VCD 1A-1-3-226](#) 

VCD DIN Standard Single-Ended Cordset: Form C, 4-pin (2+2PE), translucent body, with varistor and yellow LED, 24 V AC/DC, 4 A; PUR black cable, 0.50 mm²

Product Description

VCD DIN Standard Single-Ended Cordset: Form C, 4-pin (2+2PE), translucent body, with varistor and yellow LED, 24 V AC/DC, 4 A; PUR black cable, 0.50 mm²

Technical Drawing



Technical Specifications

Face View

| Pin 1 | Pin 2 | PE1 | PE2 |
|-------|-------|--------------|--------------|
| brown | blue | green-yellow | green-yellow |

Technical Data

Product Family:

Valve Connectors

| | |
|-----------------------------------|---|
| Product Sub Family: | VCD DIN Standard |
| Brand: | Hirschmann |
| Connector Type: | Cordset, single ended |
| Type of Contact / Gender: | Female |
| Connector Design: | Angled |
| Number of Pins: | 2+2PE |
| Coding: | C |
| Shielding: | Unshielded |
| Attachment Type: | Central Screw |
| Rated Voltage: | 30 V AC/DC |
| Operating Voltage: | 24 V AC/DC |
| Rated Current*: | 4 A |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |
| Mating Cycles: | ≤ 50 |
| Ambient Temperature (Operation)*: | -25 °C - +80 °C |
| Protection Degree / IP Rating**: | IP65 |
| Design Standard: | DIN EN 175301-803-C, ISO 4400 |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1 |
| Overvoltage Category: | III acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------------------|---------------------------|
| Contact Base Material: | CuZn |
| Contact Plating: | Cu/Sn |
| Contact Bearer Material: | PA GF |
| Contact Bearer Color: | black |
| Flammability Class (Contact Bearer): | UL 94 V-0 |
| Molded Body Material: | TPE |
| Molded Body Color: | Translucent |
| Flammability Class (Molded Body): | UL 94 HB |
| Attachment Material: | Steel, Philips combi slot |
| Gasket Material: | Molded Integrated Gasket |

Protection Circuitry

| | |
|---------------------|------------|
| Function Indicator: | Yellow LED |
| Protective Circuit: | Varistor |

Additional Technical Data

| | |
|--------------------------------|-------------|
| Fastening Torque (Attachment): | (40-50) Ncm |
|--------------------------------|-------------|

Cable Data

| | |
|---|----------------------------------|
| Cable Number: | 226 |
| Conductor Size: | 0.5 mm ² |
| Number of Wires: | 3 |
| Minimal Bending Radius (Fixed Inst): | > 5 x D |
| Minimal Bending Radius (Flexible Inst): | > 10 x D |
| Cycles (Bending): | > 5 M |
| Cycles (Torsion): | > 5 M @ ± 360 °/1 m |
| Conductor material: | Cu |
| Cable Jacket Material: | PUR |
| Cable Jacket Color: | black |
| Cable Diameter D: | ø 4.6 ± 0.20 mm |
| Wire Insulation Material: | PP |
| Insulated Wire Diameter: | ø 1.50 mm |
| Ambient Temperature (Fixed Installation): | - 50 °C - + 105 °C (UL: + 80 °C) |
| Ambient Temperature (Flex Installation): | - 25 °C - + 105 °C (UL: + 80 °C) |

Ambient Temperature (Drag Chain Inst): - 25 °C - + 60 °C

UL Cable Type: AWM: 20549

Flammability Class (Cable Jacket): DIN EN 50265-2-2, VDE 0482-265-2-2, IEC 60332-2-2, CSA FT2

Cable Characteristics: Good microbes and hydrolysis resistance; Mainly plasticizer diffusion free; Exclusion of PVC and silicone; Coldness flexibility; Free of lacquer wetting disturbing substances

Safety & Environmental Compliance

RoHS Compliant: yes

Resistances

Halogenfree: yes

Oil Resistance: Good chemical and oil resistance

Notes

Note Derating: Notice derating

Protection Degree / IP Rating Note: ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.

Note: Do not connect or disconnect under load.

Variants

| Item # | Item Description | Cable Length |
|-----------|---------------------|--------------|
| 273 | VCD 1A-1-3-226/20 M | 20 m |
| 3595 | VCD 1A-1-3-226/12 M | 12 m |
| 12276 | VCD 1A-1-3-226/2 M | 2 m |
| 12277 | VCD 1A-1-3-226/5 M | 5 m |
| 43910 | VCD 1A-1-3-226/1 M | 1 m |
| 43911 | VCD 1A-1-3-226/10 M | 10 m |
| 43912 | VCD 1A-1-3-226/3 M | 3 m |
| 63517 | VCD 1A-1-3-226/25 M | 25 m |
| 934636370 | VCD 1A-1-3-226/15 M | 15 m |

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