



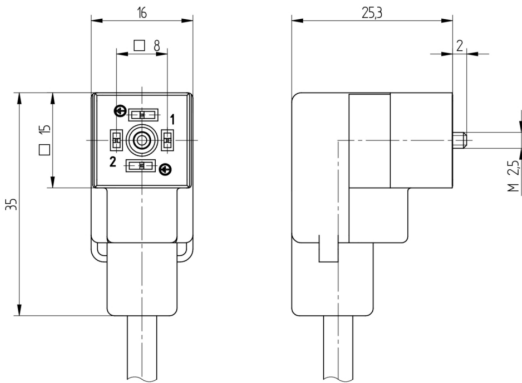
**Product:** [VCD 1D-3-3-212](#)

VCD DIN Standard Single-Ended Cordset: Form C, 4-pin (2+2PE), black body, without circuitry, 230 V AC/DC, 4 A; PVC black cable, 0.50 mm<sup>2</sup>

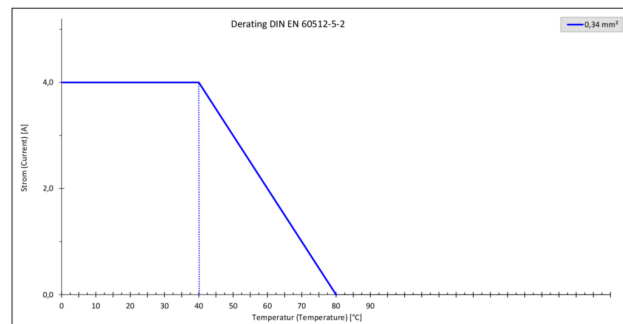
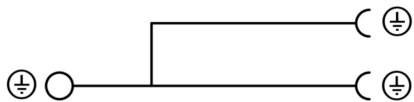
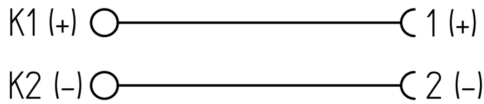
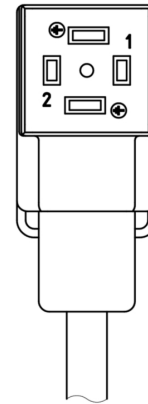
### Product Description

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### Technical Drawing



VCD



### 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:	250 V AC/DC
Operating Voltage:	230 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:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Steel, Philips combi slot
Gasket Material:	Molded Integrated Gasket

Additional Technical Data

Fastening Torque (Attachment):	(40-50) Ncm
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Cable Data

Cable Number:	212
Conductor Size:	0.5 mm²
Number of Wires:	3
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	black
Cable Diameter D:	ø 5.0 ± 0.2 mm
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.70 mm
Ambient Temperature (Fixed Installation):	- 40 °C - + 70 °C
Ambient Temperature (Flex Installation):	+ 5 °C - + 70 °C
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2
Cable Characteristics:	Free of lacquer wetting disturbing substances; Exclusion of silicone

Safety & Environmental Compliance

RoHS Compliant:	yes
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Resistances

Halogenfree:	no
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
12281	VCD 1D-3-3-212/2 M	2 m
12282	VCD 1D-3-3-212/5 M	5 m
39149	VCD 1D-3-3-212/10 M	10 m
9631	VCD 1D-3-3-212/15 M	15 m
12627	VCD 1D-3-3-212/20 M	20 m

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