

# VIP-2/SC/D 9SUB/M - Interface module



2315117

<https://www.phoenixcontact.com/in/products/2315117>

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VARIOFACE module, with screw connection and male D-Subminiature pin strip, for mounting on NS 35 rails, 9-pos.

## Your advantages

- 9-pos. ... 50-pos.
- Metal foot
- In accordance with IEC 60603-13
- Screw connection
- 1:1 connection
- According to IEC 60603-13

## Commercial data

Item number	2315117
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CK2
Product key	CK2112
Catalog page	Page 552 (C-5-2019)
GTIN	4046356313308
Weight per piece (including packing)	85.8 g
Weight per piece (excluding packing)	85 g
Customs tariff number	85366990
Country of origin	US

# VIP-2/SC/D 9SUB/M - Interface module



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## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE Professional
Number of positions	9

### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	25 V AC
	60 V DC
Max. current carrying capacity per branch	2 A
Rated surge voltage	1.2 kV

### Connection data

#### Field level

Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M 3
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm

#### Controller level

Connection method	D-SUB pin strip
Number of connections	1
Number of positions	9

### Signaling

Status display present	No
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### Dimensions

#### Item dimensions

Width	34.7 mm
Height	65.5 mm
Depth	45.1 mm

### Material specifications

Color	gray (RAL 7042)
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Flammability rating according to UL 94	V0
Housing insulation material	Polyamide PA non-reinforced

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

## Standards and regulations

Standards/regulations	IEC 60664
	DIN EN 50178

## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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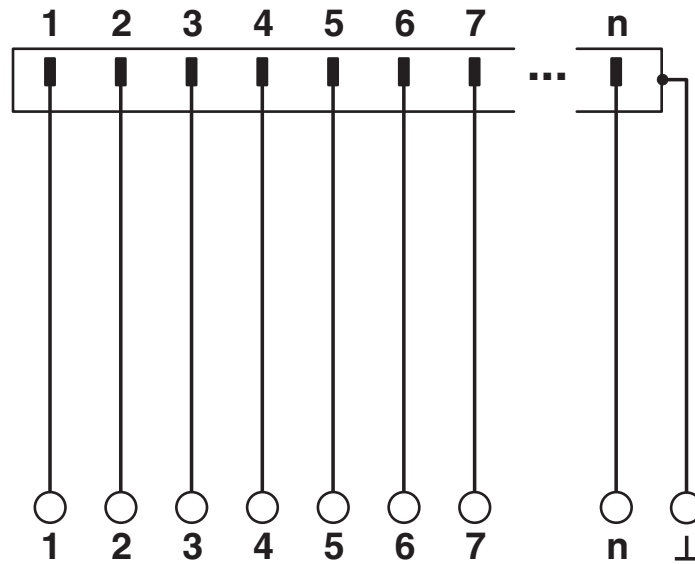
# VIP-2/SC/D 9SUB/M - Interface module

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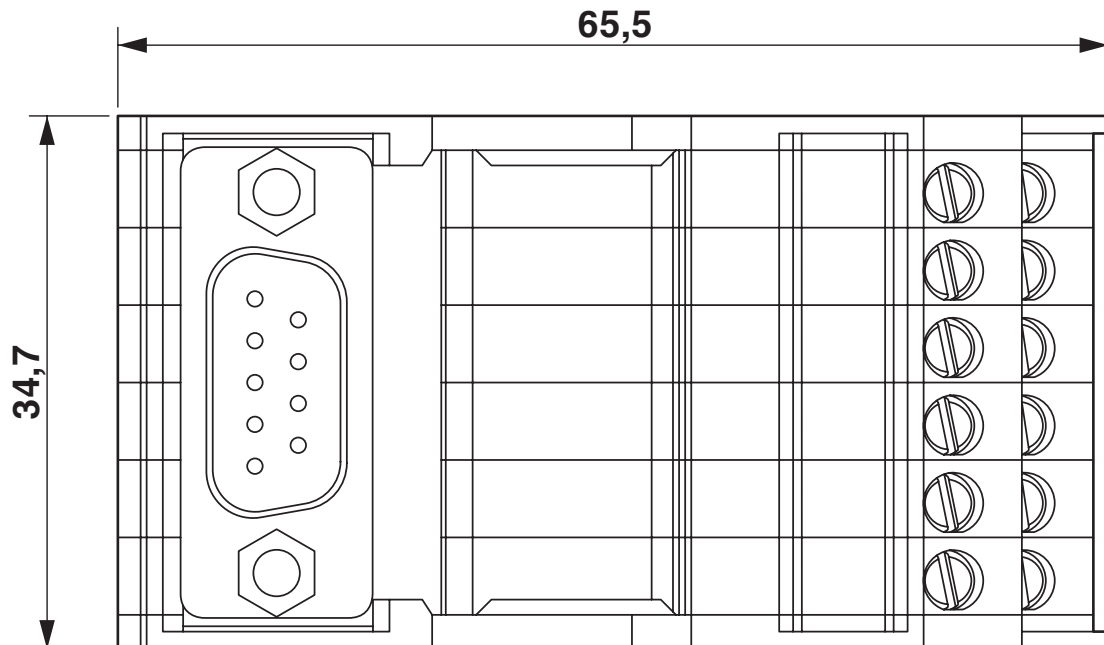
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## Drawings

Circuit diagram



Dimensional drawing



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## Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/2315117>

 <b>CSA</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	105 V	2 A	28 - 14	-

 <b>cUL Recognized</b> Approval ID: FILE E 238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	125 V	2 A	30 - 12	-

 <b>UL Recognized</b> Approval ID: FILE E 238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	125 V	2 A	30 - 12	-

 <b>EAC</b> Approval ID: EAC-Zulassung				
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 <b>CSAus</b> Approval ID: 2122203				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	105 V	2 A	28 - 14	-

<b>cULus Recognized</b>				
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<b>cCSAus</b>				
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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	cea7212c-22ce-4297-8dda-22425f82c466

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## Accessories

### CABLE D-SUB-S/.../.../... - Cable

2302340

<https://www.phoenixcontact.com/in/products/2302340>



Shielded round cable, assembled with one D-SUB female and pin strip (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

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### CABLE D-SUB-B-B-S/.../.../... - Cable

2302421

<https://www.phoenixcontact.com/in/products/2302421>



Shielded round cable, assembled with two D-SUB female strips (9-, 15-, 25-, 37-, or 50-pos.), variable cable length



# VIP-2/SC/D 9SUB/M - Interface module



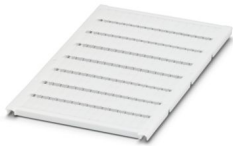
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## UC-TM 4 - Marker for terminal blocks

0818111

<https://www.phoenixcontact.com/in/products/0818111>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

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## UC-TM 6 - Marker for terminal blocks

0818085

<https://www.phoenixcontact.com/in/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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## UCT-TM 6 - Marker for terminal blocks

0828736

<https://www.phoenixcontact.com/in/products/0828736>



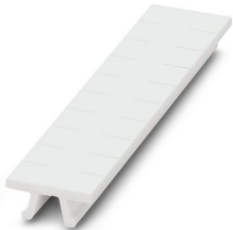
Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

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## ZB 5,08:UNBEDRUCKT - Zack marker strip

0809793

<https://www.phoenixcontact.com/in/products/0809793>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.08 mm, lettering field size: 4.98 x 10.5 mm, Number of individual labels: 10

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## ZB 22:UNBEDRUCKT - Zack marker strip

0811862

<https://www.phoenixcontact.com/in/products/0811862>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 22 mm, lettering field size: 10.5 x 21.8 mm, Number of individual labels: 4

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## CABLE-D 9SUB/B/S/ 50/KONFEK/S - Cable

2299987

<https://www.phoenixcontact.com/in/products/2299987>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 0.5 m

# VIP-2/SC/D 9SUB/M - Interface module



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## CABLE-D 9SUB/B/S/100/KONFEK/S - Cable

2299990

<https://www.phoenixcontact.com/in/products/2299990>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 1 m

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## CABLE-D 9SUB/B/S/150/KONFEK/S - Cable

2300009

<https://www.phoenixcontact.com/in/products/2300009>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 1.5 m

# VIP-2/SC/D 9SUB/M - Interface module



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## CABLE-D 9SUB/B/S/200/KONFEK/S - Cable

2302010

<https://www.phoenixcontact.com/in/products/2302010>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 2 m

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## CABLE-D 9SUB/B/S/300/KONFEK/S - Cable

2302023

<https://www.phoenixcontact.com/in/products/2302023>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 3 m

# VIP-2/SC/D 9SUB/M - Interface module



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<https://www.phoenixcontact.com/in/products/2315117>

## CABLE-D 9SUB/B/S/400/KONFEK/S - Cable

2302036

<https://www.phoenixcontact.com/in/products/2302036>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 4 m

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## CABLE-D 9SUB/B/S/600/KONFEK/S - Cable

2302049

<https://www.phoenixcontact.com/in/products/2302049>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 6 m

# VIP-2/SC/D 9SUB/M - Interface module

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## CABLE-D 9SUB/B/S/HF/S/ 1,0M - Cable

1066591

<https://www.phoenixcontact.com/in/products/1066591>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 1 m

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## CABLE-D 9SUB/B/S/HF/S/ 2,0M - Cable

1066592

<https://www.phoenixcontact.com/in/products/1066592>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 2 m

# VIP-2/SC/D 9SUB/M - Interface module

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## CABLE-D 9SUB/B/S/HF/S/ 3,0M - Cable

1066593

<https://www.phoenixcontact.com/in/products/1066593>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: 3 m

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## CABLE-D 9SUB-B-S-HF-S/... - Cable

1075568

<https://www.phoenixcontact.com/in/products/1075568>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB pin strip (1x 9-position); cable length: variable



# VIP-2/SC/D 9SUB/M - Interface module



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## CABLE-D 9SUB/B/B/100/KONFEK/S - Cable

2305415

<https://www.phoenixcontact.com/in/products/2305415>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: 1 m

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## CABLE-D 9SUB/B/B/200/KONFEK/S - Cable

2305428

<https://www.phoenixcontact.com/in/products/2305428>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: 2 m

# VIP-2/SC/D 9SUB/M - Interface module



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## CABLE-D 9SUB/B/B/300/KONFEK/S - Cable

2305431

<https://www.phoenixcontact.com/in/products/2305431>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: 3 m

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## CABLE-D 9SUB/B/B/HF/S/ 1,0M - Cable

1066587

<https://www.phoenixcontact.com/in/products/1066587>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: 1 m

# VIP-2/SC/D 9SUB/M - Interface module

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## CABLE-D 9SUB/B/B/HF/S/ 2,0M - Cable

1066588

<https://www.phoenixcontact.com/in/products/1066588>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: 2 m

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## CABLE-D 9SUB/B/B/HF/S/ 3,0M - Cable

1066589

<https://www.phoenixcontact.com/in/products/1066589>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: 3 m

# VIP-2/SC/D 9SUB/M - Interface module

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## CABLE-D 9SUB-B-B-HF-S/... - Cable

1075569

<https://www.phoenixcontact.com/in/products/1075569>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 9-position); connection 2: D-SUB socket strip (1x 9-position); cable length: variable

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## CABLE-D- 9SUB/F/OE/0,25/S/0,5M - Cable

2926014

<https://www.phoenixcontact.com/in/products/2926014>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 0.5 m

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## CABLE-D- 9SUB/F/OE/0,25/S/1,0M - Cable

2926027

<https://www.phoenixcontact.com/in/products/2926027>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 1 m

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## CABLE-D- 9SUB/F/OE/0,25/S/1,5M - Cable

2926030

<https://www.phoenixcontact.com/in/products/2926030>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 1.5 m

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## CABLE-D- 9SUB/F/OE/0,25/S/2,0M - Cable

2926043

<https://www.phoenixcontact.com/in/products/2926043>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 2 m

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## CABLE-D- 9SUB/F/OE/0,25/S/3,0M - Cable

2926056

<https://www.phoenixcontact.com/in/products/2926056>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 3 m

# VIP-2/SC/D 9SUB/M - Interface module

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## CABLE-D- 9SUB/F/OE/0,25/S/4,0M - Cable

2926069

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Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 4 m

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## CABLE-D- 9SUB/F/OE/0,25/S/6,0M - Cable

2926072

<https://www.phoenixcontact.com/in/products/2926072>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: 6 m

# VIP-2/SC/D 9SUB/M - Interface module



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## CABLE-D- 9SUB-F-OE-0,25-S/... - Cable

2900903

<https://www.phoenixcontact.com/in/products/2900903>



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 9-position); cable length: variable

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PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)