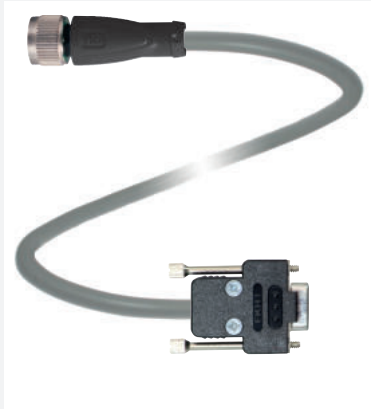




# Adapter cable V15-G-2M-PVC-SUBD9

- Degree of protection IP20
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

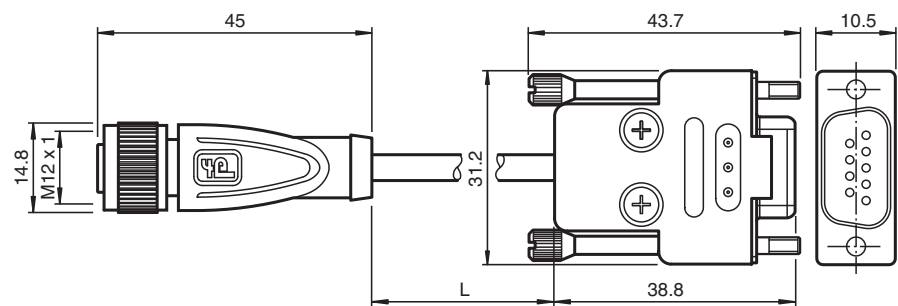
Adapter cable M12 socket straight A-coded 5-pin to Sub-D-plug 9-pin, PVC cable grey



## Function

Adapter cable for the direct replacement of a reading head WCS3-... or WCS3A-... with RS485 interface by a reading head WCS3B-... with RS485 interface. The adapter cable is suitable for both, WCS3B reading heads with option H (heating) and option S (speed transmission).

## Dimensions



## Technical Data

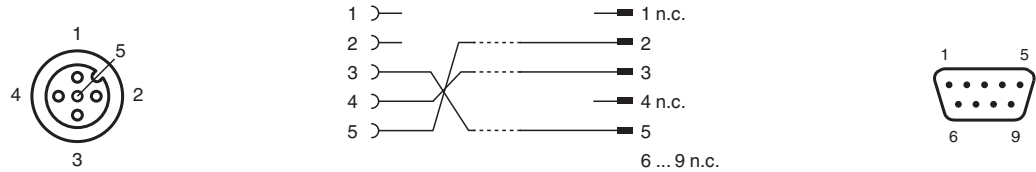
| General specifications |  |                  |
|------------------------|--|------------------|
| Connector 1            |  |                  |
| Connection             |  | socket           |
| Construction type      |  | M12              |
| Style                  |  | straight         |
| Locking                |  | screw connection |
| Number of pins         |  | 5                |
| Coding                 |  | A-coded          |
| Connector 2            |  |                  |
| Connection             |  | plug             |
| Construction type      |  | Sub-D            |
| Style                  |  | straight         |
| Locking                |  | screw connection |

## Technical Data

|                                  |                |                                                                                 |
|----------------------------------|----------------|---------------------------------------------------------------------------------|
| Number of pins                   |                | 9                                                                               |
| <b>Electrical specifications</b> |                |                                                                                 |
| Operating voltage                | U <sub>B</sub> | max. 36 V DC                                                                    |
| Operating current                | I <sub>B</sub> | max. 1.5 A                                                                      |
| <b>Conformity</b>                |                |                                                                                 |
| Degree of protection             |                | EN 60529                                                                        |
| Plug connection                  |                | connector M12 x 1 : IEC 61076-2-101<br>Connector Sub-D : IEC 807-2              |
| <b>Ambient conditions</b>        |                |                                                                                 |
| Ambient temperature              |                |                                                                                 |
| Connector 1                      |                | -40 ... 90 °C (-40 ... 194 °F)                                                  |
| Connector 2                      |                | -25 ... 80 °C (-13 ... 176 °F)                                                  |
| Cable, fixed                     |                | -40 ... 70 °C (-40 ... 158 °F)                                                  |
| Cable, flexing                   |                | -5 ... 70 °C (23 ... 158 °F)                                                    |
| Pollution degree                 |                | 1                                                                               |
| <b>Mechanical specifications</b> |                |                                                                                 |
| Connector 1                      |                |                                                                                 |
| Tightening torque                |                | 0.6 Nm                                                                          |
| Loosening protection             |                | available                                                                       |
| Tool installation                |                | straight knurling                                                               |
| Mating cycles                    |                | min. 100                                                                        |
| Degree of protection             |                | IP67 / IP68 / IP69                                                              |
| Connector 2                      |                |                                                                                 |
| Loosening protection             |                | screws UNC 4-40                                                                 |
| Mating cycles                    |                | min. 100                                                                        |
| Degree of protection             |                | IP20                                                                            |
| Cable                            |                | according to IEC/EN 60228 (DIN VDE 0295) class 5                                |
| Sheath diameter                  |                | 4.8 mm                                                                          |
| Bending radius                   |                | > 10 x cable diameter, moving                                                   |
| Sheath stripping force           |                | max. 80 N / 300 mm                                                              |
| Sheath color                     |                | grey (similar to RAL 7001)                                                      |
| Number of cores                  |                | 5                                                                               |
| Core cross section               |                | 0.34 mm <sup>2</sup>                                                            |
| Cores color                      |                | Core 1: brown<br>Core 2: white<br>Core 3: blue<br>Core 4: black<br>Core 5: grey |
| Core construction                |                | 19 x 0.15 mm Ø                                                                  |
| Length                           | L              | 2 m                                                                             |
| Cable code                       |                | Li Y YM 5 x 0,34                                                                |
| <b>Material</b>                  |                |                                                                                 |
| Connector 1                      |                |                                                                                 |
| Screw connection                 |                | Zinc diecast, nickel-plated                                                     |
| Body                             |                | TPU, black                                                                      |
| Contact surface                  |                | Au                                                                              |
| Flammability                     |                | V-2                                                                             |
| Connector 2                      |                |                                                                                 |
| Body                             |                | Zinc diecast, nickel-plated                                                     |
| Contact surface                  |                | Au                                                                              |
| Flammability                     |                | V-0                                                                             |
| Cable                            |                |                                                                                 |
| Sheathing                        |                | PVC                                                                             |
| Core insulation                  |                | PVC                                                                             |
| Flammability                     |                | flame-resistant                                                                 |

Release date: 2023-04-12 Date of issue: 2023-04-12 Filename: 270509\_eng.pdf

Connection Assignment



Accessories

|  |                              |                                                  |
|--|------------------------------|--------------------------------------------------|
|  | <b>MH V1-SCREWDRIVER</b>     | Torque screwdriver (0.6 Nm)                      |
|  | <b>MH V1-BIT M12</b>         | plug-in cap M12                                  |
|  | <b>V1/V3-LABELHOLDER</b>     | Label holder                                     |
|  | <b>V1/V3-LABEL</b>           | Label plate                                      |
|  | <b>MH V1-Holder</b>          | Modular universal holder for M12 connectors      |
|  | <b>V1-CLIP</b>               | Unlocking protector for M12 connector            |
|  | <b>V1-MARKING-RING-COLOR</b> | Marking rings for M12 connectors, various colors |