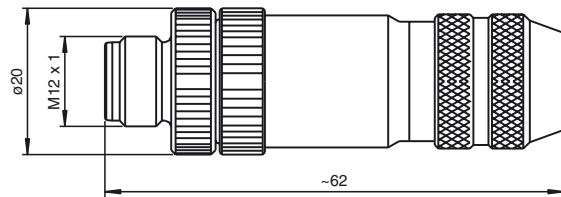




Dimensions



Model Number

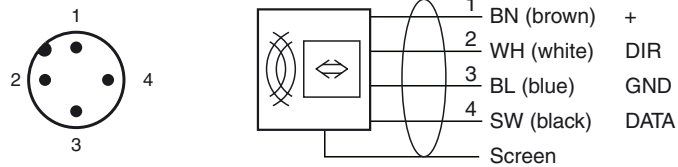
V1S-G-IVH

Cable connector for read/write heads with V1 plug connection

Features

- Manufacturable, screenable
- Metal housing
- Thread-locking ring made of metal

Electrical connection



Technical data

General specifications

| | |
|-----------------|---|
| Number of poles | 4 |
|-----------------|---|

Electrical specifications

| | |
|---------------------------|-------------|
| Operating current | 4 A |
| Rated operational voltage | U_e 250 V |

Ambient conditions

| | |
|---------------------|-------------------------------|
| Ambient temperature | -25 ... 85 °C (248 ... 358 K) |
|---------------------|-------------------------------|

Mechanical specifications

| | |
|-------------------|---|
| Cable diameter | 4 ... 6 mm |
| Protection degree | IP67 |
| Connection | Screw connection, 4 x 0.75 mm ² and cramped screen, max. cable diameter 6 mm |

| | |
|----------|---|
| Material | |
| Contacts | CuZn |
| Handle | metal |
| Cable | |
| Cores | Max. cross-section 0.75 mm ² |

Notes**Other read head leads**

The read head leads should be screened and have a conductor cross section of at least 0.14 mm².

Read head cables up to 50 m and 100 m long can be used, provided certain conditions are fulfilled.

Read head cable up to 50 m:

Minimum conductor cross-section 4x 0.25 mm²

Maximum resistance, screened 78 Ohm/km

Maximum capacitance 90 pF/m

(e.g. LIYC11C, Muckenhaupt & Nusselt MUNFLEX C11Y)

Read head cable up to 100 m:

Minimum conductor cross-section 4x 0.5 mm²

Maximum resistance 37 Ohm/km

Maximum capacitance 90 pF/m

Important note:

Since the possibility of electromagnetic interference increases with cable length, in some applications it may not be possible to use the cable lengths specified above.