



Connecting cable with socket

ADOAH040MSS0020H04

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Alternative articles: EVC087  
When selecting an alternative article and accessories please note that technical data may differ!



| Application                 |                                                        |                                                                                                          |
|-----------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Special feature             | Free from silicone; Halogen-free; Gold-plated contacts |                                                                                                          |
| Free from silicone          | yes                                                    |                                                                                                          |
| Electrical data             |                                                        |                                                                                                          |
| Operating voltage           | [V]                                                    | < 250 AC / < 300 DC                                                                                      |
| Max. current load total     | [A]                                                    | 4                                                                                                        |
| Operating conditions        |                                                        |                                                                                                          |
| Ambient temperature         | [°C]                                                   | -40...90                                                                                                 |
| Protection                  | IP 67; IP 68; IP 69K                                   |                                                                                                          |
| Tests / approvals           |                                                        |                                                                                                          |
| Vibration resistance        | EN 60068-2-6 Fc                                        | 20 g (10...3000 Hz) / -20 °C / 50 °C                                                                     |
|                             |                                                        | 50 sweep cycles, 1 octave per minute, in 3 axes                                                          |
| Shock resistance            | EN 60068-2-27 Ea                                       | 100 g 11 ms half sine; 6 shocks each in every direction along the three coordinate axes / -40 °C / 85 °C |
| Continuous shock resistance | EN 60068-2-29 Eb                                       | 40 g 6 ms; 4000 shocks each in every direction of the 3 coordinate axes / -20 °C / 50 °C                 |
| Fast temperature change     | EN 60068-2-14 Na                                       | TA = -40°C; TB = 85°C; t1 = 30 min; t2 = 10 s<br>50 cycles                                               |

# E11074



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|                 |                  |                                  |
|-----------------|------------------|----------------------------------|
| Salt spray test | EN 60068-2-52 Kb | severity level 5 (4 test cycles) |
|-----------------|------------------|----------------------------------|

### Mechanical data

|                       |      |                      |
|-----------------------|------|----------------------|
| Dimensions            | [mm] | 27 x 15 x 39         |
| Materials             |      | TPU                  |
| Moulded-body material |      | TPU                  |
| Material nut          |      | brass, nickel-plated |

### Remarks

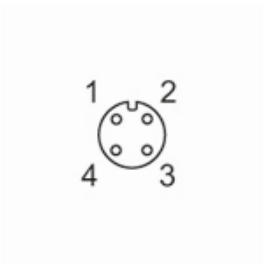
|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

Cable: 20 m, PUR, Halogen-free, black, Ø 4.7 mm; 4 x 0.34 mm²

### Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Moulded body: TPU; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.5 Nm



### Connection

|   |    |
|---|----|
| 1 | BN |
| 2 | WH |
| 3 | BU |
| 4 | BK |

|      |                |
|------|----------------|
| BK = | Core colours : |
| BN = | black          |
| BU = | brown          |
| WH = | blue           |
|      | white          |