

**PAC-EMDV-HE20-V1-10M****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

The pre-assembled PAC cables establish an electrical and logical connection between the PLC and the PLC interfaces. These cables consist of the following components:

- Manufacturer's PLC connector.
- Multi-pole LIYY or LY YCY cable (shielded) with a cross-section of 0.14 mm<sup>2</sup> or 0.25 mm<sup>2</sup>.
- Flat cable connector, SUB-D or RSV, for connection to the interface.

The cables are tested automatically for their continuity and insulation to guarantee the functionality for which they have been designed.

**General ordering data**

|            |                                                            |
|------------|------------------------------------------------------------|
| Version    | Pre-assembled cable, PAC, Cable LiYY, 0.25 mm <sup>2</sup> |
| Order No.  | <a href="#">7789701100</a>                                 |
| Type       | PAC-EMDV-HE20-V1-10M                                       |
| GTIN (EAN) | 4099986632615                                              |
| Qty.       | 1 items                                                    |

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**Technical data****Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Dimensions and weights**

|            |        |
|------------|--------|
| Net weight | 1040 g |
|------------|--------|

**Temperatures**

|                     |             |                       |             |
|---------------------|-------------|-----------------------|-------------|
| Storage temperature | -10...60 °C | Operating temperature | -10...50 °C |
|---------------------|-------------|-----------------------|-------------|

**Environmental Product Compliance**

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

**General Data**

|                     |                                 |                       |                                  |
|---------------------|---------------------------------|-----------------------|----------------------------------|
| Cable length        | 10 m                            | Suitable for          | Digital signals                  |
| Basic material      | PVC                             | Cable                 | Cable LiYY                       |
| Interface connector | FLAT CABLE CONECTOR<br>HE10 20P | Number of poles, min. | 20-pole                          |
| Outer diameter      | 8.6 ± 1 mm                      | Connector PLC side    | FLAT CABLE CONNECTOR<br>HE10 16P |
| Wire cross-section  | 0.25 mm <sup>2</sup>            |                       |                                  |

**Electrical Data**

|                                             |           |                         |                   |
|---------------------------------------------|-----------|-------------------------|-------------------|
| Total current, max.                         | 3 A       | High voltage test       | 1 kV/1s           |
| Permissible current strength per path, max. | 1 A       | Rated voltage           | ≤ 60 Vdc ≤ 25 Vac |
| Resistance                                  | ≤ 80 mΩ/m | Capacity (wire / wires) | 300 pF/m          |
| Capacity (wire / shield)                    | 300 pF/m  |                         |                   |

**Rated data UL**

|                     |     |
|---------------------|-----|
| Total current, max. | 3 A |
|---------------------|-----|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000237    | ETIM 9.0    | EC000237    |
| ETIM 10.0   | EC000237    | ECLASS 14.0 | 27-24-22-20 |
| ECLASS 15.0 | 27-24-22-20 |             |             |