

**PAC-CTLX-HE20-V7-10M****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="#">7789151100</a>                                 |
| Type       | PAC-CTLX-HE20-V7-10M                                       |
| GTIN (EAN) | 4099986636477  |
| Qty.       | 1 items  |

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## Technical data

### Approvals

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

### Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 1 156 g |
|------------|---------|

### Temperatures

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

### Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 4bbf2c0d-0764-4fc8-bb24-9351c28c190d |

### 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    | ROCKWELL CONTROL<br>LOGIX 1756-TBNH 20P |
| 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  |                       |                   |

### 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 |             |             |