

## Single-ended I/O Cordsets-M8 (Angled-female)

### Description:

Used for sensors, I/O connector connecting. Standard M8(angled-female) threaded connection. 3, 4-core are optional. Customized cable lengths. Degree of protection IP67.



### Features:

- PVC and PUR cable are optional
- A-coded interface
- LED indicator

\* All technical information about the raw cable for connectors, please refer to the "cable" section (P513).

### Type Code

| Cable jacket | Description       | Type          | Pin | Rated current/voltage | Cable length | Wire section        |
|--------------|-------------------|---------------|-----|-----------------------|--------------|---------------------|
| PVC          | Female 3-core     | CBO8.3-2      | 3   | 4A/60V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core     | CBO8.4-2      | 4   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 3-core PNP | CBO8.3-2/L    | 3   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 3-core NPN | CBO8.3-2/LN   | 3   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core PNP | CBO8.4-2/L    | 4   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core NPN | CBO8.4-2/LN   | 4   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
| PUR          | Female 3-core     | CBO8.3-2/P    | 3   | 4A/60V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core     | CBO8.4-2/P    | 4   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 3-core PNP | CBO8.3-2/L/P  | 3   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 3-core NPN | CBO8.3-2/LN/P | 3   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core PNP | CBO8.4-2/L/P  | 4   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core NPN | CBO8.4-2/LN/P | 4   | 4A/30V                | 2m           | 0.25mm <sup>2</sup> |
| PVC Shielded | Female 3-core     | CBO8.3-2/WS   | 3   | 4A/60V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core     | CBO8.4-2/WS   | 4   | 4A/60V                | 2m           | 0.25mm <sup>2</sup> |
| PUR Shielded | Female 3-core     | CBO8.3-2/WS/P | 3   | 4A/60V                | 2m           | 0.25mm <sup>2</sup> |
|              | Female 4-core     | CBO8.4-2/WS/P | 4   | 4A/60V                | 2m           | 0.25mm <sup>2</sup> |

### Selection Instructions

## CBO8.3 - 2/P

① ②

Attn : ①: Customized cable lengths are available.

②: Cable jacket or function can be customized according to the requirements.

### Additional Information

| Cable Length | Wiring diagram              |                             |
|--------------|-----------------------------|-----------------------------|
|              | <b>PNP</b><br><p>3-core</p> | <b>NPN</b><br><p>3-core</p> |
|              | <b>PNP</b><br><p>4-core</p> | <b>NPN</b><br><p>4-core</p> |