

## Double-ended I/O Cordsets-M12 (female) to M8 (male)

### Description:

Used for sensors, I/O connector connecting. Standard M12, M8 threaded connecting. Advanced design idea of female-to-male ends connector. Straight series, angled series and 3, 4-core are optional. Customized cable lengths. Degree of protection IP67.



### Features:

- PVC, PUR cable are optional
- A-coded interface

\* 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	3-core straight to straight	CO12.3-2-C8.3	3	4A/60V	2m	0.25mm <sup>2</sup>
	3-core straight to angled	CO12.3-2-CB8.3	3	4A/60V	2m	0.25mm <sup>2</sup>
	4-core straight to straight	CO12.4-2-C8.4	4	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to angled	CBO12.4-2-CB8.4	4	4A/30V	2m	0.25mm <sup>2</sup>
PUR	3-core straight to straight	CO12.3-2-C8.3/P	3	4A/60V	2m	0.25mm <sup>2</sup>
	3-core straight to angled	CO12.3-2-CB8.3/P	3	4A/60V	2m	0.25mm <sup>2</sup>
	4-core straight to straight	CO12.4-2-C8.4/P	4	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to angled	CO12.4-2-CB8.4/P	4	4A/30V	2m	0.25mm <sup>2</sup>

### Selection Instructions

**CO12.4 - ① - C8.4 / P ②**

- Attn : ①: Customized cable lengths are available.  
 ②: Cable jacket or function can be customized according to the requirements.

### Additional Information

Cable Length



## Double-ended I/O Cordsets-M12 (female) to M8 (male)

### Description:

Used for sensors, I/O connector connecting. Standard M12, M8 threaded connecting. Advanced design idea of female-to-male ends connector. Straight series, angled series and 3, 4-core are optional. Customized cable lengths. Degree of protection IP67.



### Features:

- PVC, PUR cable are optional
- A-coded interface
- M12 (female) with LED to M8 (male)

\* 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	3-core straight to straight LEDPNP	CO12.3-2-C8.3/L	3	4A/30V	2m	0.25mm <sup>2</sup>
	3-core straight to angled LEDPNP	CO12.3-2-CB8.3/L	3	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to straight LEDPNP	CO12.4-2-C8.4/L	4	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to angled LEDPNP	CO12.4-2-CB8.4/L	4	4A/30V	2m	0.25mm <sup>2</sup>
	3-core straight to straight LEDNPN	CO12.3-2-C8.3/LN	3	4A/30V	2m	0.25mm <sup>2</sup>
	3-core straight to angled LEDNPN	CO12.3-2-CB8.3/LN	3	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to straight LEDNPN	CO12.4-2-C8.4/LN	4	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to angled LEDNPN	CO12.4-2-CB8.4/LN	4	4A/30V	2m	0.25mm <sup>2</sup>
PUR	3-core straight to straight LEDPNP	CO12.3-2-C8.3/L/P	3	4A/30V	2m	0.25mm <sup>2</sup>
	3-core straight to angled LEDPNP	CO12.3-2-CB8.3/L/P	3	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to straight LEDPNP	CO12.4-2-C8.4/L/P	4	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to angled LEDPNP	CO12.4-2-CB8.4/L/P	4	4A/30V	2m	0.25mm <sup>2</sup>
	3-core straight to straight LEDNPN	CO12.3-2-C8.3/LN/P	3	4A/30V	2m	0.25mm <sup>2</sup>
	3-core straight to angled LEDNPN	CO12.3-2-CB8.3/LN/P	3	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to straight LEDNPN	CO12.4-2-C8.4/LN/P	4	4A/30V	2m	0.25mm <sup>2</sup>
	4-core straight to angled LEDNPN	CO12.4-2-CB8.4/LN/P	4	4A/30V	2m	0.25mm <sup>2</sup>

### Selection Instructions

**CO12.4 - ① - C8.4 / P**

Attn : ①: Customized cable lengths are available.

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

### Additional Information

Cable Length	Product with LED	
	<b>PNP</b> <p>3-core</p>	<b>NPN</b> <p>3-core</p>
	<b>PNP</b> <p>4-core</p>	<b>NPN</b> <p>4-core</p>