

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

Description:

Used for sensors, I/O connector connecting. Standard M12 threaded connection. Advanced design idea of female-to-male ends connector. Straight series and angled series are available. 3, 4, 5, 8-core are optional. Customized cable lengths. Degree of protection IP67.



Features:

- PVC, PUR cable are optional
- Optional shielded function
- A-coded interface

* All technical information about the raw cable for connectors, please refer to the "cable" section (P169).

Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core straight to straight	CO12.3-2-C12.3	3	4A/250V	2m	0.34mm ²
	3-core straight to angled	CO12.3-2-CB12.3	3	4A/250V	2m	0.34mm ²
	4-core straight to straight	CO12.4-2-C12.4	4	4A/250V	2m	0.34mm ²
	4-core straight to angled	CO12.4-2-CB12.4	4	4A/250V	2m	0.34mm ²
	5-core straight to straight	CO12.5-2-C12.5	5	4A/60V	2m	0.34mm ²
	5-core straight to angled	CO12.5-2-CB12.5	5	4A/60V	2m	0.34mm ²
PUR	3-core straight to straight	CO12.3-2-C12.3/P	3	4A/250V	2m	0.34mm ²
	3-core straight to angled	CO12.3-2-CB12.3/P	3	4A/250V	2m	0.34mm ²
	4-core straight to straight	CO12.4-2-C12.4/P	4	4A/250V	2m	0.34mm ²
	4-core straight to angled	CO12.4-2-CB12.4/P	4	4A/250V	2m	0.34mm ²
	5-core straight to straight	CO12.5-2-C12.5/P	5	4A/60V	2m	0.34mm ²
	5-core straight to angled	CO12.5-2-CB12.5/P	5	4A/60V	2m	0.34mm ²

Selection Instructions

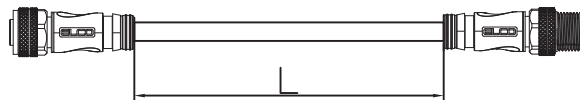
CO12.4 - 2 - C12.4/P

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



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 (P169).

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

Selection Instructions

CO12.4 - 2 - C8.4 / 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



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 (P169).

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

Selection Instructions

CO12.4 - 2 - 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			
	Straight single signal (3-pin)	PNP	NPN	
	Straight Double signal (4-pin, 5-pin-M12)	PNP	NPN	
	Angle single signal (3-pin)	PNP	NPN	
	Angle Double signal (4-pin, 5-pin-M12)	PNP	NPN	

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

Description:

Used for sensors, I/O connector connecting. Standard M12, M8 threaded connection. Advanced design idea of female-to-male ends connector. Straight series and angled series are available. 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 (P169).



Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight LEDPNP	CBO12.3-2-C8.3/L	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO12.3-2-CB8.3/L	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO12.4-2-C8.4/L	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO12.4-2-CB8.4/L	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO12.3-2-C8.3/LN	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO12.3-2-CB8.3/LN	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO12.4-2-C8.4/LN	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO12.4-2-CB8.4/LN	4	4A/30V	2m	0.25mm ²
PUR	3-core angled to straight LEDPNP	CBO12.3-2-C8.3/L/P	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO12.3-2-CB8.3/L/P	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO12.4-2-C8.4/L/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO12.4-2-CB8.4/L/P	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO12.3-2-C8.3/LN/P	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO12.3-2-CB8.3/LN/P	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO12.4-2-C8.4/LN/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO12.4-2-CB8.4/LN/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

CBO12.4 - 2 - C8.4 / 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	Product with LED	
	Straight single signal (3-pin)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>PNP</p> </div> <div style="text-align: center;"> <p>NPN</p> </div> </div>
	Straight Double signal (4-pin, 5-pin-M12)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>PNP</p> </div> <div style="text-align: center;"> <p>NPN</p> </div> </div>
	Angle single signal (3-pin)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>PNP</p> </div> <div style="text-align: center;"> <p>NPN</p> </div> </div>
	Angle Double signal (4-pin, 5-pin-M12)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>PNP</p> </div> <div style="text-align: center;"> <p>NPN</p> </div> </div>