

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 (P513).

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

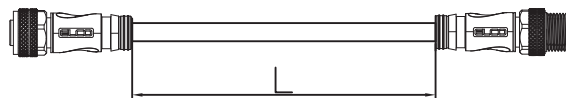
CO12.4 - ① - C12.4/P ②

Attn : ①: Customized cable lengths are available.

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

Additional Information

Cable Length



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Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight	CBO12.3-2-C12.3	3	4A/250V	2m	0.34mm ²
	3-core angled to angled	CBO12.3-2-CB12.3	3	4A/250V	2m	0.34mm ²
	4-core angled to straight	CBO12.4-2-C12.4	4	4A/250V	2m	0.34mm ²
	4-core angled to angled	CBO12.4-2-CB12.4	4	4A/250V	2m	0.34mm ²
	5-core angled to straight	CBO12.5-2-C12.5	5	4A/60V	2m	0.34mm ²
	5-core angled to angled	CBO12.5-2-CB12.5	5	4A/60V	2m	0.34mm ²
PUR	3-core angled to straight	CBO12.3-2-C12.3/P	3	4A/250V	2m	0.34mm ²
	3-core angled to angled	CBO12.3-2-CB12.3/P	3	4A/250V	2m	0.34mm ²
	4-core angled to straight	CBO12.4-2-C12.4/P	4	4A/250V	2m	0.34mm ²
	4-core angled to angled	CBO12.4-2-CB12.4/P	4	4A/250V	2m	0.34mm ²
	5-core angled to straight	CBO12.5-2-C12.5/P	5	4A/60V	2m	0.34mm ²
	5-core angled to angled	CBO12.5-2-CB12.5/P	5	4A/60V	2m	0.34mm ²

Selection Instructions

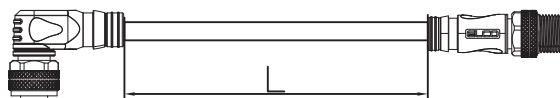
CBO12.4 - 2 - C12.4 / P

①
②

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Additional Information

Cable Length



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

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Features:

- PVC, PUR cable are optional
- Optional shielded function
- M12 (female) with LED to M12 (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-C12.3/L	3	4A/30V	2m	0.34mm ²
	3-core straight to angled LEDPNP	CO12.3-2-CB12.3/L	3	4A/30V	2m	0.34mm ²
	4-core straight to straight LEDPNP	CO12.4-2-C12.4/L	4	4A/30V	2m	0.34mm ²
	4-core straight to angled LEDPNP	CO12.4-2-CB12.4/L	4	4A/30V	2m	0.34mm ²
	3-core straight to straight LEDNPN	CO12.3-2-C12.3/LN	3	4A/30V	2m	0.34mm ²
	3-core straight to angled LEDNPN	CO12.3-2-CB12.3/LN	3	4A/30V	2m	0.34mm ²
	4-core straight to straight LEDNPN	CO12.4-2-C12.4/LN	4	4A/30V	2m	0.34mm ²
	4-core straight to angled LEDNPN	CO12.4-2-CB12.4/LN	4	4A/30V	2m	0.34mm ²
PUR	3-core straight to straight LEDPNP	CO12.3-2-C12.3/L/P	3	4A/30V	2m	0.34mm ²
	3-core straight to angled LEDPNP	CO12.3-2-CB12.3/L/P	3	4A/30V	2m	0.34mm ²
	4-core straight to straight LEDPNP	CO12.4-2-C12.4/L/P	4	4A/30V	2m	0.34mm ²
	4-core straight to angled LEDPNP	CO12.4-2-CB12.4/L/P	4	4A/30V	2m	0.34mm ²
	3-core straight to straight LEDNPN	CO12.3-2-C12.3/LN/P	3	4A/30V	2m	0.34mm ²
	3-core straight to angled LEDNPN	CO12.3-2-CB12.3/LN/P	3	4A/30V	2m	0.34mm ²
	4-core straight to straight LEDNPN	CO12.4-2-C12.4/LN/P	4	4A/30V	2m	0.34mm ²
	4-core straight to angled LEDNPN	CO12.4-2-CB12.4/LN/P	4	4A/30V	2m	0.34mm ²

Selection Instructions

CO12.4 - 2 - C12.4 / P

①

②

Attn : ①: Customized cable lengths are available.

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Additional Information

Cable Length	Product with LED	
	PNP 	NPN
	PNP 	NPN

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Features:

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- Optional shielded function
- M12 (female) with LED to M12 (male)

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Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight LEDPNP	CBO12.3-2-C12.3/L	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO12.3-2-CB12.3/L	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO12.4-2-C12.4/L	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO12.4-2-CB12.4/L	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO12.3-2-C12.3/LN	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO12.3-2-CB12.3/LN	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO12.4-2-C12.4/LN	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO12.4-2-CB12.4/LN	4	4A/30V	2m	0.25mm ²
PUR	3-core angled to straight LEDPNP	CBO12.3-2-C12.3/L/P	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO12.3-2-CB12.3/L/P	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO12.4-2-C12.4/L/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO12.4-2-CB12.4/L/P	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO12.3-2-C12.3/LN/P	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO12.3-2-CB12.3/LN/P	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO12.4-2-C12.4/LN/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO12.4-2-CB12.4/LN/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

CBO12.4 - 2 - C12.4 / P

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Additional Information

Cable Length	Product with LED	
	PNP 	NPN
	PNP 	NPN