

Single-ended I/O Cordsets-M8 (Straight-female)


Description:

Used for sensors, I/O connector connecting. Standard M8(straight-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 (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Female 3-core	CO8.3-2	3	4A/60V	2m	0.25mm ²
	Female 4-core	CO8.4-2	4	4A/30V	2m	0.25mm ²
	Female 3-core PNP	CO8.3-2/L	3	4A/30V	2m	0.25mm ²
	Female 3-core NPN	CO8.3-2/LN	3	4A/30V	2m	0.25mm ²
	Female 4-core PNP	CO8.4-2/L	4	4A/30V	2m	0.25mm ²
	Female 4-core NPN	CO8.4-2/LN	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	Female 3-core	CO8.3-2/P	3	4A/60V	2m	0.25mm ²
	Female 4-core	CO8.4-2/P	4	4A/30V	2m	0.25mm ²
	Female 3-core PNP	CO8.3-2/L/P	3	4A/30V	2m	0.25mm ²
	Female 3-core NPN	CO8.3-2/LN/P	3	4A/30V	2m	0.25mm ²
	Female 4-core PNP	CO8.4-2/L/P	4	4A/30V	2m	0.25mm ²
	Female 4-core NPN	CO8.4-2/LN/P	4	4A/30V	2m	0.25mm ²
Welding spark resistance	Female 3-core welding spark resistance	CO8.3-2/EWSR	3	4A/60V	2m	0.25mm ²
	Female 4-core welding spark resistance	CO8.4-2/EWSR	4	4A/30V	2m	0.25mm ²
PVC Shielded	Female 3-core	CO8.3-2/WS	3	4A/60V	2m	0.25mm ²
	Female 4-core	CO8.4-2/WS	4	4A/30V	2m	0.25mm ²
PUR Shielded Bending 5 Million	Female 3-core	CO8.3-2/WSP	3	4A/60V	2m	0.25mm ²
	Female 4-core	CO8.4-2/WSP	4	4A/30V	2m	0.25mm ²

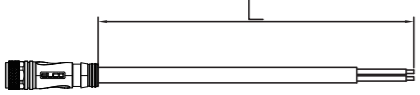
Selection Instructions

CO8.4 - 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
	Single signal (3-Pin)
	PNP
	NPN
	Double signal (4-Pin)
	PNP
	NPN

Single-ended I/O Cordsets-M8 (Straight-male)


Description:

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

Features:

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

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Male 3-core	C8.3-2	3	4A/60V	2m	0.25mm ²
	Male 4-core	C8.4-2	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	Male 3-core	C8.3-2/P	3	4A/60V	2m	0.25mm ²
	Male 4-core	C8.4-2/P	4	4A/30V	2m	0.25mm ²
Welding spark resistance	Male 3-core welding spark resistance	C8.3-2/EWSR	3	4A/60V	2m	0.25mm ²
	Male 4-core welding spark resistance	C8.4-2/EWSR	4	4A/30V	2m	0.25mm ²
PVC Shielded	Male 3-core	C8.3-2/WS	3	4A/60V	2m	0.25mm ²
	Male 4-core	C8.4-2/WS	4	4A/30V	2m	0.25mm ²
PUR Shielded Bending 5 Million	Male 3-core	C8.3-2/WSP	3	4A/60V	2m	0.25mm ²
	Male 4-core	C8.4-2/WSP	4	4A/30V	2m	0.25mm ²

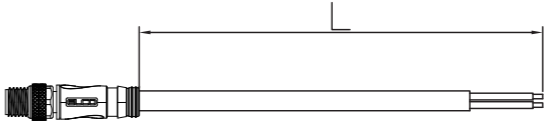
Selection Instructions

C8.4 - 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


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 (P166).



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 ²
	Female 4-core	CBO8.4-2	4	4A/30V	2m	0.25mm ²
	Female 3-core PNP	CBO8.3-2/L	3	4A/30V	2m	0.25mm ²
	Female 3-core NPN	CBO8.3-2/LN	3	4A/30V	2m	0.25mm ²
	Female 4-core PNP	CBO8.4-2/L	4	4A/30V	2m	0.25mm ²
	Female 4-core NPN	CBO8.4-2/LN	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	Female 3-core	CBO8.3-2/P	3	4A/60V	2m	0.25mm ²
	Female 4-core	CBO8.4-2/P	4	4A/30V	2m	0.25mm ²
	Female 3-core PNP	CBO8.3-2/L/P	3	4A/30V	2m	0.25mm ²
	Female 3-core NPN	CBO8.3-2/LN/P	3	4A/30V	2m	0.25mm ²
	Female 4-core PNP	CBO8.4-2/L/P	4	4A/30V	2m	0.25mm ²
	Female 4-core NPN	CBO8.4-2/LN/P	4	4A/30V	2m	0.25mm ²
Welding spark resistance	Female 3-core welding spark resistance	CBO8.3-2/EWSR	3	4A/60V	2m	0.25mm ²
	Female 4-core welding spark resistance	CBO8.4-2/EWSR	4	4A/60V	2m	0.25mm ²
PVC Shielded	Female 3-core	CBO8.3-2/WS	3	4A/60V	2m	0.25mm ²
	Female 4-core	CBO8.4-2/WS	4	4A/60V	2m	0.25mm ²
PUR Shielded Bending 5 Million	Female 3-core	CBO8.3-2/WS/P	3	4A/60V	2m	0.25mm ²
	Female 4-core	CBO8.4-2/WS/P	4	4A/60V	2m	0.25mm ²

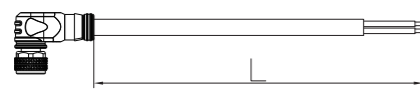
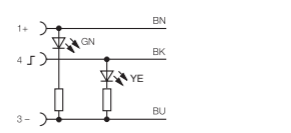
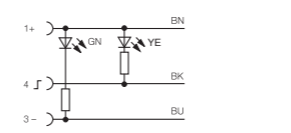
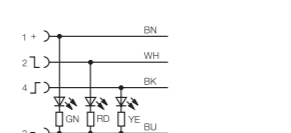
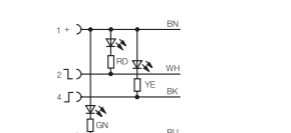
Selection Instructions

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
	Single signal (3-Pin) PNP 
	NPN 
	Double signal (4-Pin) PNP 
	NPN 

Single-ended I/O Cordsets-M8 (Angled-male)


Description:

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

Features:

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

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Male 3-core	CB8.3-2	3	4A/60V	2m	0.25mm ²
	Male 4-core	CB8.4-2	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	Male 3-core	CB8.3-2/P	3	4A/60V	2m	0.25mm ²
	Male 4-core	CB8.4-2/P	4	4A/30V	2m	0.25mm ²
Welding spark resistance	Male 3-core welding spark resistance	CB8.3-2/EWSR	3	4A/60V	2m	0.25mm ²
	Male 4-core welding spark resistance	CB8.4-2/EWSR	4	4A/30V	2m	0.25mm ²
PVC Shielded	Male 3-core	CB8.3-2/WS	3	4A/60V	2m	0.25mm ²
	Male 4-core	CB8.4-2/WS	4	4A/30V	2m	0.25mm ²
PUR Shielded Bending 5 Million	Male 3-core	CB8.3-2/WS/P	3	4A/60V	2m	0.25mm ²
	Male 4-core	CB8.4-2/WS/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

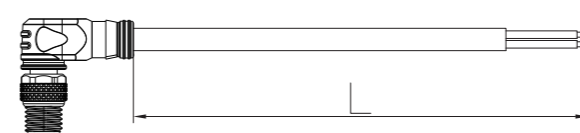
CB8.3 - 2/P

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



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

Description:

Used for sensors, I/O connector connecting. Standard 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 and PUR cable are optional
- A-coded interface

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).



Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core straight to straight	CO8.3-2-C8.3	3	4A/60V	2m	0.25mm ²
	3-core straight to angled	CO8.3-2-CB8.3	3	4A/60V	2m	0.25mm ²
	4-core straight to straight	CO8.4-2-C8.4	4	4A/30V	2m	0.25mm ²
	4-core straight to angled	CO8.4-2-CB8.4	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core straight to straight	CO8.3-2-C8.3/P	3	4A/60V	2m	0.25mm ²
	3-core straight to angled	CO8.3-2-CB8.3/P	3	4A/60V	2m	0.25mm ²
	4-core straight to straight	CO8.4-2-C8.4/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled	CO8.4-2-CB8.4/P	4	4A/30V	2m	0.25mm ²

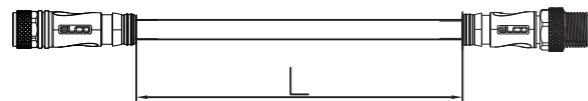
Selection Instructions

CO8.4 - 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



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

Description:

Used for sensors, I/O connector connecting. Standard 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 and PUR cable are optional
- A-coded interface

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).



Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight	CBO8.3-2-C8.3	3	4A/60V	2m	0.25mm ²
	3-core angled to angled	CBO8.3-2-CB8.3	3	4A/60V	2m	0.25mm ²
	4-core angled to straight	CBO8.4-2-C8.4	4	4A/30V	2m	0.25mm ²
	4-core angled to angled	CBO8.4-2-CB8.4	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core angled to straight	CBO8.3-2-C8.3/P	3	4A/60V	2m	0.25mm ²
	3-core angled to angled	CBO8.3-2-CB8.3/P	3	4A/60V	2m	0.25mm ²
	4-core angled to straight	CBO8.4-2-C8.4/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled	CBO8.4-2-CB8.4/P	4	4A/30V	2m	0.25mm ²

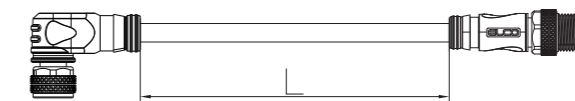
Selection Instructions

CBO8.4 - 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



Double-ended I/O Cordsets-M8 (female) to M12 (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:						
<ul style="list-style-type: none"> ■ PVC and PUR cable are optional ■ A-coded interface 						
* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).						
Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core straight to straight	CO8.3-2-C12.3	3	4A/60V	2m	0.25mm ²
	3-core straight to angled	CO8.3-2-CB12.3	3	4A/60V	2m	0.25mm ²
	4-core straight to straight	CO8.4-2-C12.4	4	4A/30V	2m	0.25mm ²
	4-core straight to angled	CO8.4-2-CB12.4	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core straight to straight	CO8.3-2-C12.3/P	3	4A/60V	2m	0.25mm ²
	3-core straight to angled	CO8.3-2-CB12.3/P	3	4A/60V	2m	0.25mm ²
	4-core straight to straight	CO8.4-2-C12.4/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled	CO8.4-2-CB12.4/P	4	4A/30V	2m	0.25mm ²



Selection Instructions	
CO8.4 - 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-M8 (female) to M12 (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:						
<ul style="list-style-type: none"> ■ PVC and PUR cable are optional ■ A-coded interface 						
* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).						
Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight	CBO8.3-2-C12.3	3	4A/60V	2m	0.25mm ²
	3-core angled to angled	CBO8.3-2-CB12.3	3	4A/60V	2m	0.25mm ²
	4-core angled to straight	CBO8.4-2-C12.4	4	4A/30V	2m	0.25mm ²
	4-core angled to angled	CBO8.4-2-CB12.4	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core angled to straight	CBO8.3-2-C12.3/P	3	4A/60V	2m	0.25mm ²
	3-core angled to angled	CBO8.3-2-CB12.3/P	3	4A/60V	2m	0.25mm ²
	4-core angled to straight	CBO8.4-2-C12.4/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled	CBO8.4-2-CB12.4/P	4	4A/30V	2m	0.25mm ²



Selection Instructions	
CBO8.4 - 2 - C12.4 / P ① ②	
Attn : ① : Customized cable lengths are available. C ② : able jacket or function can be customized according to the requirements.	

Additional Information	
Cable Length	

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

Description:

Used for sensors, I/O connector connecting. Standard 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 and PUR cable are optional
- A-coded interface
- M8 (female) with LED to M8(male)

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).

Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core straight to straight LEDPNP	CO8.3-2-C8.3/L	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDPNP	CO8.3-2-CB8.3/L	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDPNP	CO8.4-2-C8.4/L	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDPNP	CO8.4-2-CB8.4/L	4	4A/30V	2m	0.25mm ²
	3-core straight to straight LEDNPN	CO8.3-2-C8.3/LN	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDNPN	CO8.3-2-CB8.3/LN	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDNPN	CO8.4-2-C8.4/LN	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDNPN	CO8.4-2-CB8.4/LN	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core straight to straight LEDPNP	CO8.3-2-C8.3/L/P	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDPNP	CO8.3-2-CB8.3/L/P	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDPNP	CO8.4-2-C8.4/L/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDPNP	CO8.4-2-CB8.4/L/P	4	4A/30V	2m	0.25mm ²
	3-core straight to straight LEDNPN	CO8.3-2-C8.3/LN/P	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDNPN	CO8.3-2-CB8.3/LN/P	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDNPN	CO8.4-2-C8.4/LN/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDNPN	CO8.4-2-CB8.4/LN/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

CO8.4 - 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)	
	Straight Double Signal (4-Pin)	
	Angled Single Signal (3-Pin)	
	Angled Double Signal (4-Pin)	

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

Description:

Used for sensors, I/O connector connecting. Standard 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 and PUR cable are optional
- A-coded interface
- M8 (female) with LED to M8(male)

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).

Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight LEDPNP	CBO8.3-2-C8.3/L	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO8.3-2-CB8.3/L	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO8.4-2-C8.4/L	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO8.4-2-CB8.4/L	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO8.3-2-C8.3/LN	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO8.3-2-CB8.3/LN	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO8.4-2-C8.4/LN	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO8.4-2-CB8.4/LN	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core straight to straight LEDPNP	CBO8.3-2-C8.3/L/P	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDPNP	CBO8.3-2-CB8.3/L/P	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDPNP	CBO8.4-2-C8.4/L/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDPNP	CBO8.4-2-CB8.4/L/P	4	4A/30V	2m	0.25mm ²
	3-core straight to straight LEDNPN	CBO8.3-2-C8.3/LN/P	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDNPN	CBO8.3-2-CB8.3/LN/P	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDNPN	CBO8.4-2-C8.4/LN/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDNPN	CBO8.4-2-CB8.4/LN/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

CBO8.4 - 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)	
	Straight Double Signal (4-Pin)	
	Angled Single Signal (3-Pin)	
	Angled Double Signal (4-Pin)	

Double-ended I/O Cordsets-M8 (female) to M12 (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 and PUR cable are optional
- A-coded interface
- M8 (female) with LED to M12(male)

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core straight to straight LEDPNP	CO8.3-2-C12.3/L	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDPNP	CO8.3-2-CB12.3/L	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDPNP	CO8.4-2-C12.4/L	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDPNP	CO8.4-2-CB12.4/L	4	4A/30V	2m	0.25mm ²
	3-core straight to straight LEDNPN	CO8.3-2-C12.3/LN	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDNPN	CO8.3-2-CB12.3/LN	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDNPN	CO8.4-2-C12.4/LN	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDNPN	CO8.4-2-CB12.4/LN	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core straight to straight LEDPNP	CO8.3-2-C12.3/L/P	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDPNP	CO8.3-2-CB12.3/L/P	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDPNP	CO8.4-2-C12.4/L/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDPNP	CO8.4-2-CB12.4/L/P	4	4A/30V	2m	0.25mm ²
	3-core straight to straight LEDNPN	CO8.3-2-C12.3/LN/P	3	4A/30V	2m	0.25mm ²
	3-core straight to angled LEDNPN	CO8.3-2-CB12.3/LN/P	3	4A/30V	2m	0.25mm ²
	4-core straight to straight LEDNPN	CO8.4-2-C12.4/LN/P	4	4A/30V	2m	0.25mm ²
	4-core straight to angled LEDNPN	CO8.4-2-CB12.4/LN/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

CO8.4 - 2 - C12.4 / 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 	
	Angled Single Signal (3-Pin)	PNP 	NPN 	
	Angled Double Signal 4-pin 5-pin(M12)	PNP 	NPN 	

Double-ended I/O Cordsets-M8 (female) to M12 (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 and PUR cable are optional
- A-coded interface
- M8 (female) with LED to M12(male)

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	3-core angled to straight LEDPNP	CBO8.3-2-C12.3/L	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO8.3-2-CB12.3/L	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO8.4-2-C12.4/L	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO8.4-2-CB12.4/L	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO8.3-2-C12.3/LN	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO8.3-2-CB12.3/LN	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO8.4-2-C12.4/LN	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO8.4-2-CB12.4/LN	4	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	3-core angled to straight LEDPNP	CBO8.3-2-C12.3/L/P	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDPNP	CBO8.3-2-CB12.3/L/P	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDPNP	CBO8.4-2-C12.4/L/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDPNP	CBO8.4-2-CB12.4/L/P	4	4A/30V	2m	0.25mm ²
	3-core angled to straight LEDNPN	CBO8.3-2-C12.3/LN/P	3	4A/30V	2m	0.25mm ²
	3-core angled to angled LEDNPN	CBO8.3-2-CB12.3/LN/P	3	4A/30V	2m	0.25mm ²
	4-core angled to straight LEDNPN	CBO8.4-2-C12.4/LN/P	4	4A/30V	2m	0.25mm ²
	4-core angled to angled LEDNPN	CBO8.4-2-CB12.4/LN/P	4	4A/30V	2m	0.25mm ²

Selection Instructions

CBO8.4 - 2 - C12.4 / 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 	
	Angled Single Signal (3-Pin)	PNP 	NPN 	
	Angled Double Signal 4-pin 5-pin(M12)	PNP 	NPN 	

Y Splitter M8-male to M8-female

Description: Used for sensors, I/O connector connecting. Standard threaded connection. Straight series and angled series are available. 3, 4-core are optional. Customized cable lengths. Degree of protection IP67.																																																			
Features: <ul style="list-style-type: none"> ■ PVC, PUR are optional ■ A-coded interface ■ Optional LED indicator * All technical information about the raw cable for connectors, please refer to the "cable" section (P166).																																																			
Type Code <table border="1"> <thead> <tr> <th>Cable jacket</th> <th>Description</th> <th>Type</th> <th>Pin</th> <th>Rated current/voltage</th> <th>Cable length</th> <th>Wire section</th> </tr> </thead> <tbody> <tr> <td rowspan="2">PVC</td> <td>Straight to 2 straight</td> <td>ECS-E2CO8.3-2/2</td> <td>4-3/3</td> <td>4A/60V</td> <td>2m</td> <td>0.25mm²</td> </tr> <tr> <td>Straight to 2 angled</td> <td>ECS-E2CBO8.3-2/2</td> <td>4-3/3</td> <td>4A/60V</td> <td>2m</td> <td>0.25mm²</td> </tr> <tr> <td rowspan="4">PUR Bending 5 Million</td> <td>Straight to 2 straight</td> <td>ECS-E2CO8.3-2/2/P</td> <td>4-3/3</td> <td>4A/60V</td> <td>2m</td> <td>0.25mm²</td> </tr> <tr> <td>Straight to 2 angled</td> <td>ECS-E2CBO8.3-2/2/P</td> <td>4-3/3</td> <td>4A/60V</td> <td>2m</td> <td>0.25mm²</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section	PVC	Straight to 2 straight	ECS-E2CO8.3-2/2	4-3/3	4A/60V	2m	0.25mm ²	Straight to 2 angled	ECS-E2CBO8.3-2/2	4-3/3	4A/60V	2m	0.25mm ²	PUR Bending 5 Million	Straight to 2 straight	ECS-E2CO8.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²	Straight to 2 angled	ECS-E2CBO8.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²												
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section																																													
PVC	Straight to 2 straight	ECS-E2CO8.3-2/2	4-3/3	4A/60V	2m	0.25mm ²																																													
	Straight to 2 angled	ECS-E2CBO8.3-2/2	4-3/3	4A/60V	2m	0.25mm ²																																													
PUR Bending 5 Million	Straight to 2 straight	ECS-E2CO8.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²																																													
	Straight to 2 angled	ECS-E2CBO8.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²																																													



Selection Instructions

ECS-E2CO8.3 - 2/2 / P

① ②

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

Cable Length	Wiring Diagram
	<p>Standard</p>

Y Splitter M8-male to M12-female

Description: Used for sensors, I/O connector connecting. Standard threaded connection. Straight series and angled series are available. 3, 4-core are optional. Customized cable lengths. Degree of protection IP67.																																																			
Features: <ul style="list-style-type: none"> ■ PVC, PUR are optional ■ A-coded interface ■ Optional LED indicator * All technical information about the raw cable for connectors, please refer to the "cable" section (P166).																																																			
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Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section																																													
PVC	Straight to 2 straight	ECS-E2CO12.3-2/2	4-3/3	4A/60V	2m	0.25mm ²																																													
	Straight to 2 angled	ECS-E2CBO12.3-2/2	4-3/3	4A/60V	2m	0.25mm ²																																													
PUR Bending 5 Million	Straight to 2 straight	ECS-E2CO12.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²																																													
	Straight to 2 angled	ECS-E2CBO12.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²																																													



Selection Instructions

ECS-E2CO12.3-2/2/P

① ②

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

Cable Length	Wiring Diagram
	<p>Standard</p>

Y Splitter M8-male to M8-female


Description:

Used for sensors, I/O connector connecting. Standard threaded connection. Advanced design idea of female terminal to male terminal. Straight series and angled series are available. 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 (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Straight to 2 straight PNP	ECS-E2CO8.3-2/2/L	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled PNP	ECS-E2CBO8.3-2/2/L	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 straight NPN	ECS-E2CO8.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled NPN	ECS-E2CBO8.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	Straight to 2 straight PNP	ECS-E2CO8.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled PNP	ECS-E2CBO8.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 straight NPN	ECS-E2CO8.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled NPN	ECS-E2CBO8.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm ²

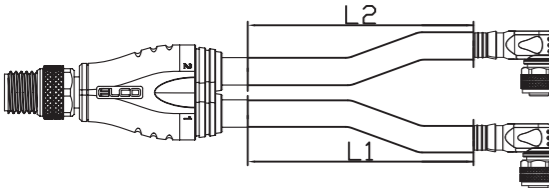
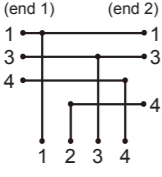
Selection Instructions

ECS-E2CO8.3 - 2/2 / 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	Product with LED	
	Straight Single Signal (3-Pin)	
	PNP	NPN
 <p>Standard</p>	Angled Single Signal (3-Pin)	
	PNP	NPN

Y Splitter M8-male to M12-female


Description:

Used for sensors, I/O connector connecting. Standard threaded connection. Advanced design idea of female terminal to male terminal. Straight series and angled series are available. 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 (P166).



Type Code						
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Straight to 2 straight PNP	ECS-E2CO12.3-2/2/L	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled PNP	ECS-E2CBO12.3-2/2/L	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 straight NPN	ECS-E2CO12.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled NPN	ECS-E2CBO12.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm ²
PUR Bending 5 Million	Straight to 2 straight PNP	ECS-E2CO12.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled PNP	ECS-E2CBO12.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 straight NPN	ECS-E2CO12.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm ²
	Straight to 2 angled NPN	ECS-E2CBO12.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm ²

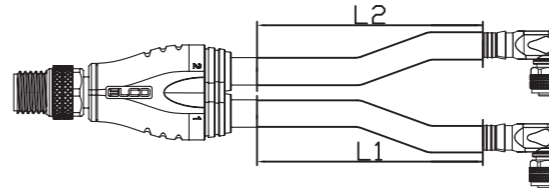
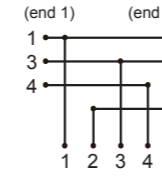
Selection Instructions

ECS-E2CO12.3-2/2/L/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)	
	PNP	NPN
 <p>Standard</p>	Angled Single Signal (3-Pin)	
	PNP	NPN

Y Splitter M8(M) to Homerun Cable

Description:

Used for field equipment connecting, such as sensors and solenoid valves. Standard threaded connection with homerun cable, 3-core. Standard cable length 2m, optional cable lengths. Degree of protection IP67.



Features:

- PVC and PUR cable are optional
- A-coded interface
- Open-ended wires

* All technical information about the raw cable for connectors, please refer to the "cable" section (P166).

Type Code

Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Y Splitter M8(M) to homerun cable	ECS-E2.3-2/2	4-3/3	4A/60V	2m	0.25mm ²
PUR Bending 5 Million	Y Splitter M8(M) to homerun cable	ECS-E2.3-2/2/P	4-3/3	4A/60V	2m	0.25mm ²

Selection Instructions

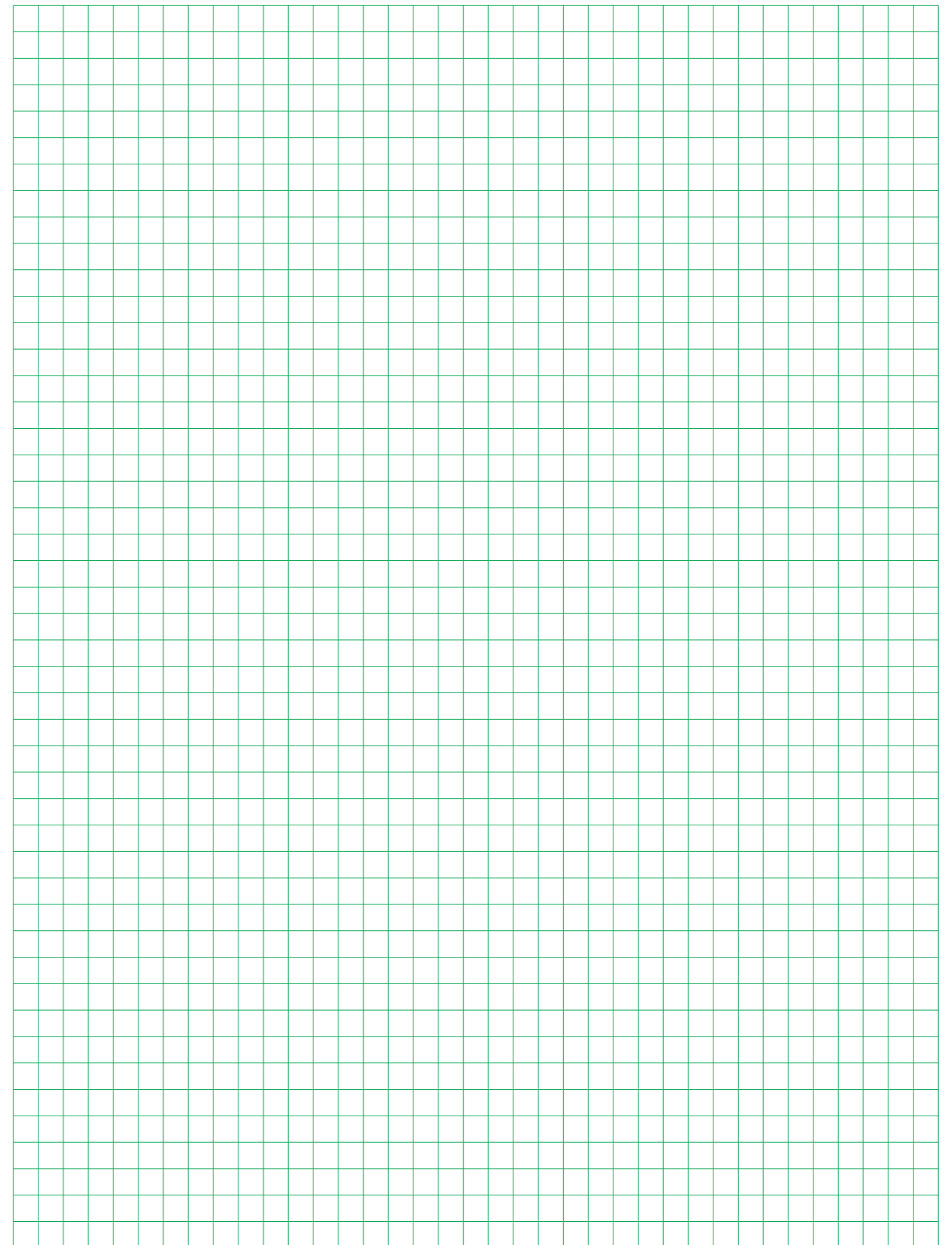
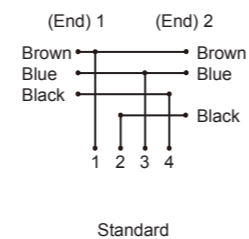
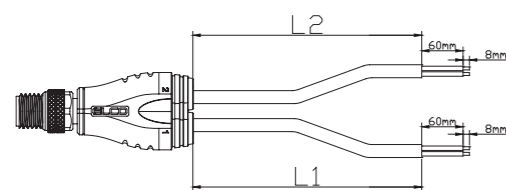
ECS-E2.3 - 2/2 / P
① ②

- 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



Field-attachable I/O Connector-M8 (Straight-female)

Description:					
Used for sensors and I/O connecting. Standard threaded connection. Designed with the female port. 3,4-core are available. Degree of protection IP67.					
Features:					
<ul style="list-style-type: none"> ■ Screw connection, quickly and flexibly 					



Type Code					
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable φ
PA	Female 3-core	LSO8.3-0/C(BU)	3	4A/60V	3.5-5mm
	Female 4-core	LSO8.4-0/C(BU)	4	4A/30V	3.5-5mm

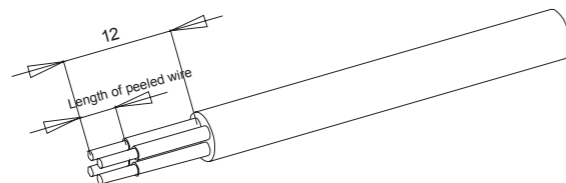
Selection Instructions

LSO8.4 - 0/C(BU)

Attn: Standard

Additional Information

1. Cross section of core for welded connection , max.0.75mm²; Cross section of core for screwed connection , Max.0.5mm².
2. To connected into distribution box or IP 67 modular, match the internal mistake-proofing slot.
3. "00" connector : length of peeled jacket 12mm, length of peeled wire 4mm.
4. "A6" connector : length of peeled jacket 12mm, length of peeled wire 3mm.



Field-attachable I/O Connector-M8 (Straight-male)

Description:					
Used for sensors and I/O connecting. Standard threaded connection. Designed with the male port. 3,4-core are available. Degree of protection IP67.					
Features:					
<ul style="list-style-type: none"> ■ Screw connection, quickly and flexibly 					



Type Code					
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable φ
PA	Male 3-core	LS8.3-0/C(BU)	3	4A/60V	3.5-5mm
	Male 4-core	LS8.4-0/C(BU)	4	4A/30V	3.5-5mm

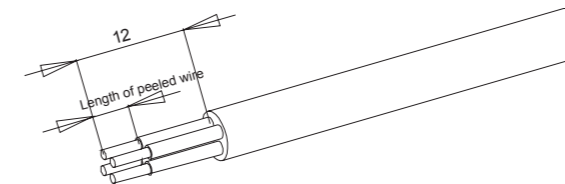
Selection Instructions

LS8.4 - 0/C(BU)

Attn: Standard

Additional Information

1. Cross section of core for welded connection , max.0.75mm²; Cross section of core for screwed connection , Max.0.5mm².
2. To connected into distribution box or IP 67 modular, match the internal mistake-proofing slot.
3. "00" connector : length of peeled jacket 12mm, length of peeled wire 4mm.
4. "A6" connector : length of peeled jacket 12mm, length of peeled wire 3mm.



Field-attachable I/O Connector-M8 (Angled-female)

Description:					
Used for sensors and I/O connecting. Standard threaded connection. Designed with the female port. 3,4-core are available. Degree of protection IP67.					
Features:					
<ul style="list-style-type: none"> Flexible welding joints and pin contact. 					
Type Code					
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable ϕ
PA	Female 3-core	LSBO8.3-0/C	3	4A/60V	3.5-5mm
	Female 4-core	LSBO8.4-0/C	4	4A/30V	3.5-5mm



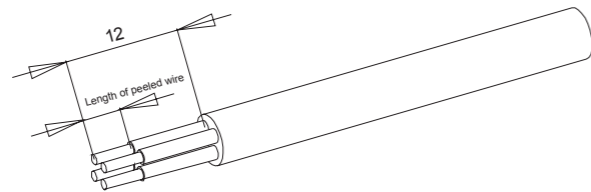
Selection Instructions

LSBO8.3 - 0/C

Attn: Standard

Additional Information

1. Cross section of core for welded connection , max.0.25mm²
2. To connected into distribution box or IP 67 modular, match the internal mistake-proofing slot.
3. "A6" connector : length of peeled jacket 12mm, length of peeled wire 3mm.



Field-attachable I/O Connector-M8 (Angled-male)

Description:					
Used for sensors and I/O connecting. Standard threaded connection. Designed with the male port. 3,4-core are available. Degree of protection IP67.					
Features:					
<ul style="list-style-type: none"> Flexible welding joints and pin contact. 					
Type Code					
Cable jacket	Description	Type	Pin	Rated current/voltage	Cable ϕ
PA	Male 3-core	LSB8.3-0/C	3	4A/60V	3.5-5mm
	Male 4-core	LSB8.4-0/C	4	4A/30V	3.5-5mm



Selection Instructions

LSB8.3 - 0/C

Attn: Standard

Additional Information

1. Cross section of core for welded connection , max.0.25mm²
2. To connected into distribution box or IP 67 modular, match the internal mistake-proofing slot.
3. "A6" connector : length of peeled jacket 12mm, length of peeled wire 3mm.

