Y Splitter M12-male to M12-female

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. 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	Straight to 2 straight	ECS-2CO12.4-2/2	4-3/3	4A/250V	2m	0.34mm^2
	Straight to 2 angled	ECS-2CBO12.4-2/2	4-3/3	4A/250V	2m	0.34mm^2
	Straight to 2 straight	ECS-2CO12.4-2/2/B24	4-4/4	4A/60V	2m	0.34mm^2
	Straight to 2 angled	ECS-2CBO12.4-2/2/B24	4-4/4	4A/60V	2m	0.34mm^2
PUR	Straight to 2 straight	ECS-2CO12.4-2/2/P	4-3/3	4A/250V	2m	0.34mm^2
	Straight to 2 angled	ECS-2CBO12.4-2/2/P	4-3/3	4A/250V	2m	0.34mm^2
	Straight to 2 straight	ECS-2CO12.4-2/2/B24/P	4-4/4	4A/60V	2m	0.34mm^2
	Straight to 2 angled	ECS-2CBO12.4-2/2/B24/P	4-4/4	4A/60V	2m	0.34mm^2

Selection Instructions

ECS-2CO12.4-2/2/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

Standard   A5

ELCO
INDUSTRIAL AUTOMATION

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. 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	Straight to 2 straight	ECS-2CO8.3-2/2	4-3/3	4A/60V	2m	0.25mm^2
	Straight to 2 angled	ECS-2CBO8.3-2/2	4-3/3	4A/60V	2m	0.25mm^2
PUR	Straight to 2 straight	ECS-2CO8.3-2/2/P	4-3/3	4A/60V	2m	0.25mm^2
	Straight to 2 angled	ECS-2CBO8.3-2/2/P	4-3/3	4A/60V	2m	0.25mm^2

Selection Instructions

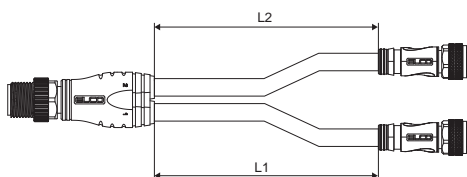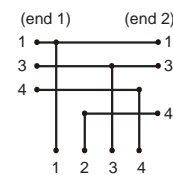# ECS-2CO8.3-2/2/P
①　②

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

L2

L1

(end 1)　(end 2)
1　　1
3　　3
4　　4

1　2　3　4

Standard

Y Splitter M12-male to M12-female

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-core are optional. Customized cable lengths. Degree of protection IP67.

Features:

■ PVC, PUR cable are optional

■ A-coded interface

■ LED indicator

* 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	Straight to 2 straight PNP	ECS-2CO12.4-2/2/L	4-3/3	4A/30V	2m	0.34mm^2
	Straight to 2 angled PNP	ECS-2CBO12.4-2/2/L	4-3/3	4A/30V	2m	0.34mm^2
	Straight to 2 straight NPN	ECS-2CO12.4-2/2/LN	4-3/3	4A/30V	2m	0.34mm^2
	Straight to 2 angled NPN	ECS-2CBO12.4-2/2/LN	4-3/3	4A/30V	2m	0.34mm^2
PUR	Straight to 2 straight PNP	ECS-2CO12.4-2/2/L/P	4-3/3	4A/30V	2m	0.34mm^2
	Straight to 2 angled PNP	ECS-2CBO12.4-2/2/L/P	4-3/3	4A/30V	2m	0.34mm^2
	Straight to 2 straight NPN	ECS-2CO12.4-2/2/LN/P	4-3/3	4A/30V	2m	0.34mm^2
	Straight to 2 angled NPN	ECS-2CBO12.4-2/2/LN/P	4-3/3	4A/30V	2m	0.34mm^2

Selection Instructions

ECS-2CO12.4-2/2/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)

Wiring Diagram

Angle single signal (3-pin)

Standard

ELCO
INDUSTRIAL AUTOMATION

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-core are optional. Customized cable lengths. Degree of protection IP67.

Features:

■ PVC, PUR cable are optional

■ A-coded interface

■ LED indicator

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

Type Code

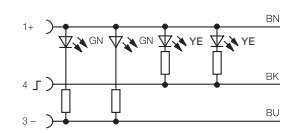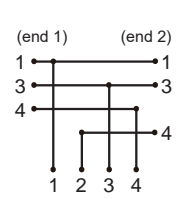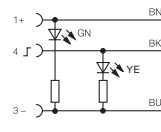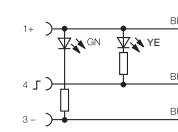| Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Straight to 2 straight PNP	ECS-2CO8.3-2/2/L	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled PNP	ECS-2CBO8.3-2/2/L	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 straight NPN	ECS-2CO8.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled NPN	ECS-2CBO8.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm^2
PUR	Straight to 2 straight PNP	ECS-2CO8.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled PNP	ECS-2CBO8.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 straight NPN	ECS-2CO8.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled NPN	ECS-2CBO8.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm^2
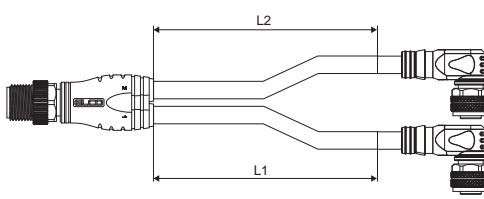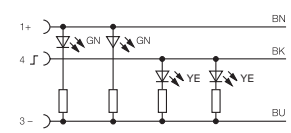
Selection Instructions

ECS-2CO8.3-2/2/L
  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

Cable Length

L2

L1

Product with LED

Straight single signal (3-pin)

PNP	NPN

PNP
1+ ... GN ... GN ... BN
4 ⌐ ... BK
... YE ... YE
3 – ... BU

NPN
1+ ... GN ... GN ... YE ... YE ... BN
4 ⌐ ... BK
3 – ... BU

Wiring Diagram

(end 1)   (end 2)
1 ——————— 1
3 ——————— 3
4 ——————— 4

1 2 3 4

Standard

Angle single signal (3-pin)

PNP	NPN

PNP
1+ ... GN ... BN
4 ⌐ ... BK
... YE
3 – ... BU

NPN
1+ ... GN ... YE ... BN
4 ⌐ ... BK
3 – ... BU

Y Splitter M12(M) to Homerun Cable

Description:

Used for field equipment connecting, such as sensors and solenoid valves. Standard threaded connection with two free ends, 3-core. Customized cable lengths. Degree of protection IP67.

Features:

■ PVC, PUR cable are optional

■ A-coded interface

■ Homerun cable

* 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	Y Splitter M12(M) to Homerun Cable	ECS-2.3-2/2	4-3/3	4A/250V	2m	0.34mm^2
PUR	Y Splitter M12(M) to Homerun Cable	ECS-2.3-2/2/P	4-3/3	4A/250V	2m	0.34mm^2

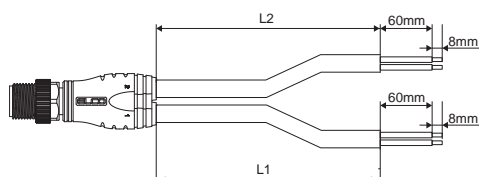### Selection Instructions

ECS-2.3-2/2/P
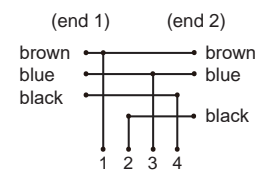　　　　　　① 　②

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

L2　　60mm　8mm　　L1　　60mm　8mm

(end 1)　(end 2)

brown ● —— ● brown
blue ● —— ● blue
black ● —— ● black

1　2　3　4

Standard

Y Adapter

Description:

Standard M12, M8 threaded connection,female to male interface.

3, 4, 5-core are available. Degree of protection IP67.

Features:

■ TPU covering

■ A-coded interface

Type Code

| Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length
Standard	Universal Y adapter	ECS-CO12.3	4-3/3	4A/60V	——
	Universal Y adapter	ECS-MDCO12.3	4-3/3	4A/60V	——
	Universal Y adapter	ECS-CO12.3/L	4-3/3	4A/30V	——
	Universal Y adapter	ECS-CO12.3/LN	4-3/3	4A/30V	——
	Universal Y adapter	ECS-CO8.3	4-3/3	4A/60V	——
	Universal Y adapter	ECS-MDCO8.3	4-3/3	4A/60V	——
	Universal Y adapter	ECS-CO8.3/L	4-3/3	4A/30V	——
	Universal Y adapter	ECS-CO8.3/LN	4-3/3	4A/30V	——
Special	Special Y adapter	ECS-CO12.5	5-5/5	4A/60V	——
	Special Y adapter	ECS-CO12.5/S1	5-4/4	4A/60V	——
	Special Y adapter	ECS-MDCO12.5/S1	5-4/4	4A/60V	——
	Special Y adapter	ECS-CO12.5/B24	5-4/4	4A/60V	——
	Special Y adapter	ECS-MDCO12.5/B24	5-4/4	4A/60V	——

Selection Instructions

ECS-CO12.3

Attn : 1. Standard.
2. MD: It is opposite to the position 1 and 2 of the standard product.
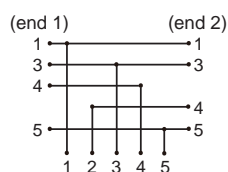
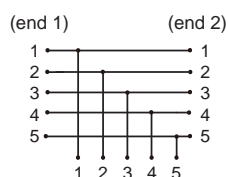### Additional Information

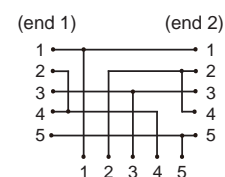#### Dimensions
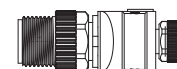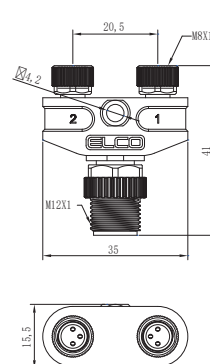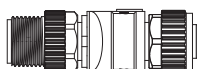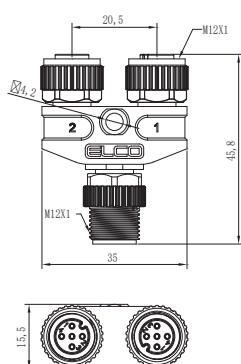
Wiring Diagram
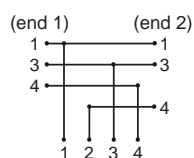
ECS-CO12.3orCO8.3

ECS-CO12.5/S1

ECS-CO12.5

ECS-CO12.5/B24

Y Adapter with Cable

Description:

Standard M12 threaded connection, female to male/female interface,
4-core extended cable is available. Degree of protection IP67.

Features:

■ PVC, PUR cable are optional
■ A-coded interface
■ M12 or M8 interface optional

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

Type Code

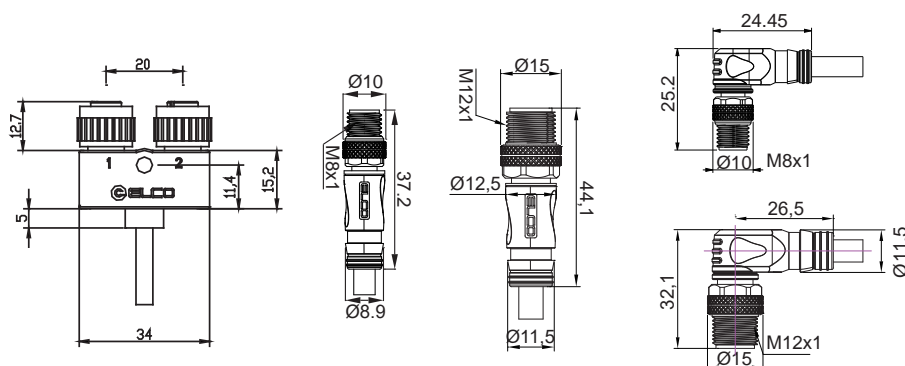| Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
Special Y adapter PVC	M12 male straight	ECS-CO12.3-2-C12.4	4-3/3	4A/60V	2m	0.34mm^2
	M8 male straight	ECS-CO12.3-2-C8.4	4-3/3	4A/60V	2m	0.25mm^2
	M12 male angled	ECS-CO12.3-2-CB12.4	4-3/3	4A/60V	2m	0.34mm^2
	M8 male angled	ECS-CO12.3-2-CB8.4	4-3/3	4A/60V	2m	0.25mm^2
Special Y adapter PUR	M12 male straight	ECS-CO12.3-2-C12.4/P	4-3/3	4A/60V	2m	0.34mm^2
	M8 male straight	ECS-CO12.3-2-C8.4/P	4-3/3	4A/60V	2m	0.25mm^2
	M12 male angled	ECS-CO12.3-2-CB12.4/P	4-3/3	4A/60V	2m	0.34mm^2
	M8 male angled	ECS-CO12.3-2-CB8.4/P	4-3/3	4A/60V	2m	0.25mm^2

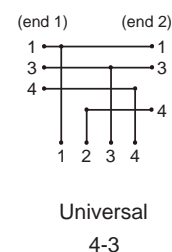### Selection Instructions

ECS-CO12.3-2-C12.4
①   ②

Attn： ①：Customized cable lengths are available.

②：Customized (optional straight/angled type), M12 and M8 are optional.

Additional information

Dimensions	Wiring Diagram

Universal
4-3

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:

■ 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 (P169).

Type Code

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/30V	2m	0.25mm^2
	Straight to 2 angled	ECS-E2CBO8.3-2/2	4-3/3	4A/30V	2m	0.25mm^2
PUR	Straight to 2 straight	ECS-E2CO8.3-2/2/P	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled	ECS-E2CBO8.3-2/2/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	Wiring Diagram

Cable Length diagram with L2 and L1 labels.

Wiring Diagram:
(end 1)   (end 2)
1 — 1
3 — 3
4 — 4
1 2 3 4

Standard

Y Splitter M8-male to M12-female

ELCO INDUSTRIAL AUTOMATION

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:

■ 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 (P169).

Type Code

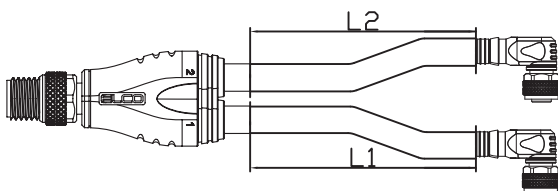| Cable jacket	Description	Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Straight to 2 straight	ECS-E2CO12.3-2/2	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled	ECS-E2CBO12.3-2/2	4-3/3	4A/30V	2m	0.25mm^2
PUR	Straight to 2 straight	ECS-E2CO12.3-2/2/P	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled	ECS-E2CBO12.3-2/2/P	4-3/3	4A/30V	2m	0.25mm^2

Selection Instructions
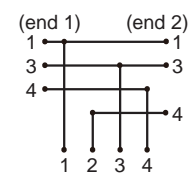
ECS-E2CO12.3-<u>2</u>/2/<u>P</u>
          ①   ②

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
L2 / L1	(end 1)　(end 2) 1—1 3—3 4—4 1 2 3 4 Standard

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 (P169).

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	0.25mm²
	Straight to 2 angled	PNP	ECS-E2CBO8.3-2/2/L	4-3/3	4A/30V	2m	0.25mm²
	Straight to 2 straight	NPN	ECS-E2CO8.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm²
	Straight to 2 angled	NPN	ECS-E2CBO8.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm²
PUR	Straight to 2 straight	PNP	ECS-E2CO8.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm²
	Straight to 2 angled	PNP	ECS-E2CBO8.3-2/2/L/P	4-3/3	4A/30V	2m	0.25mm²
	Straight to 2 straight	NPN	ECS-E2CO8.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm²
	Straight to 2 angled	NPN	ECS-E2CBO8.3-2/2/LN/P	4-3/3	4A/30V	2m	0.25mm²

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

Product with LED

Straight single signal (3-pin)

PNP	NPN

Wiring Diagram

(分配端1)　(分配端2)

标准品电路图

Angle single signal (3-pin)

PNP	NPN

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 (P169).

Type Code

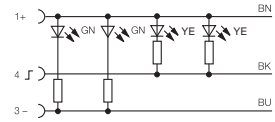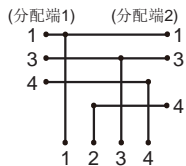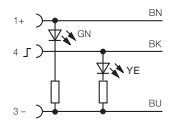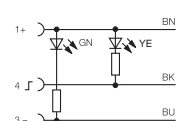| Cable jacket	Description		Type	Pin	Rated current/voltage	Cable length	Wire section
PVC	Straight to 2 straight	PNP	ECS-E2CO12.3-2/2/L	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 angled	PNP	ECS-E2CBO12.3-2/2/L	4-3/3	4A/30V	2m	0.25mm^2
	Straight to 2 straight	NPN	ECS-E2CO12.3-2/2/LN	4-3/3	4A/30V	2m	0.25mm^2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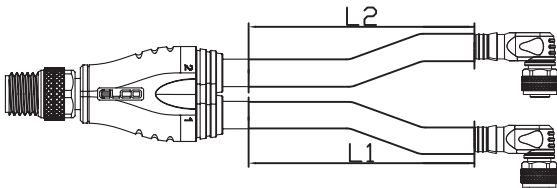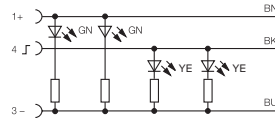
Selection Instructions

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

Cable Length

Product with LED

Straight single signal (3-pin)

PNP	NPN

Wiring Diagram

(分配端1)　(分配端2)

标准品电路图

Angle 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 (P169).

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	0.25mm²
PUR	Y Splitter M8(M) to homerun cable	ECS-E2.3-2/2/P	4-3/3	4A/60V	2m	0.25mm²

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

Cable Length

L2

L1

60mm 8mm

60mm 8mm

Wiring Diagram

(End) 1   (End) 2

Brown —————— Brown
Blue ——————— Blue
Black

Black

1 2 3 4

Standard