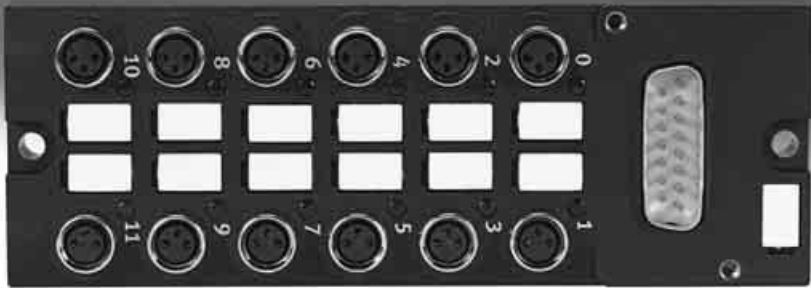


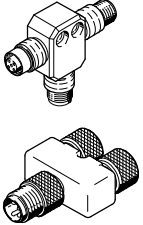
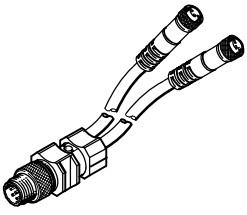
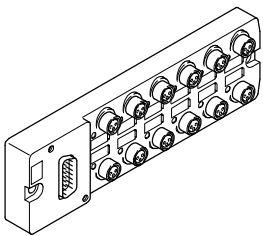
Distributor, universal



# Distributor, universal

Product range overview

**FESTO**

Function	Version	Version	Type	Connection technology	Protection class	→ Page/ Internet
<b>T-distributor</b>		<b>Round plug M8</b>				
		4-pin	NEDU-M8D3-M8T4	2x socket M8, 3-pin	IP65, IP67	3
		<b>Round plug M12</b>				
		4-pin	NEDU-M8D3-M12T4	2x socket M8, 3-pin	IP65, IP67	5
			NEDU-M12D5-M12T4	2x socket M12, 4-pin	IP65, IP67	5
			NEDU-M12D4-M12T4-IS	2x socket M12, 4-pin	IP65, IP67	5
		5-pin	FB-TA-M12	2x socket M12, 5-pin	IP67	8
<b>Y-connecting cable</b>		<b>Open cable end</b>				
		2-wire	FB-TA-1	Socket M12, 3-pin Plug M12, 3 pin	IP67	9
		<b>Round plug M8</b>				
		4-pin	NEDU-L2R1-M8G3-K-1L1-1L2-M8G4	2x socket M8, 3-pin	IP67	11
		<b>Round plug M12</b>				
		4-pin	KM12-DUO-M8	2x socket M8, 3-pin	IP67	13
		5-pin	FB-TA	2x socket M12, 5-pin	IP67	9
		<b>Socket M12</b>				
		5-pin	FB-TA	1x plug M12, 5-pin 1x socket M12, 5-pin	IP67	9
			FB-TA-1	1x plug M12, 5-pin 1x open cable end	IP67	9
		8-pin	NEBV-M12G8-KD-3-M12G4	2x plug M12, 4-pin	IP67	15
<b>Multiple distributor/ multi-pin plug distributor</b>		<b>Open cable end</b>				
		11-wire	MPV-E/A08-M12	8x socket M12, 5-pin	IP67	17
		<b>Round plug M12</b>				
		8-pin	NEDU-L4R1-M8G3L-M12G8	4x socket M8, 3-pin	IP68	20
			NEDU-L6R1-M8G3L-M12G8	6x socket M8, 3-pin	IP68	20
		<b>Plug Sub-D</b>				
		15-pin	MPV-E/A08-M8	8x socket M8, 3-pin	IP65	23
			MPV-E/A12-M8	12x socket M8, 3-pin	IP65	23

# T-distributor, plug M8, 4-pin

Technical data

**FESTO**

Push-in T-connector NEDU-M8

- T-adapter



General technical data		
Type of mounting		Screw-in
Mounting position		Any
Connection frequency		100
Nominal operating voltage	[AC V]	32
	[DC V]	32
Operating voltage range	[AC V]	32
	[DC V]	32
Acceptable current load	[A]	2
Protection class to EN 60529		IP65, IP67
Electrical connection		To EN 60947-5-2
Max. tightening torque	[Nm]	0.3
Product weight	[g]	9.5

Materials	
Housing	PA
Housing colour	Black
Pin contacts	Gold-plated brass
Union nut	Chrome-plated and nickel-plated brass
Note on materials	Free of copper and PTFE

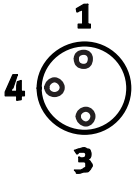
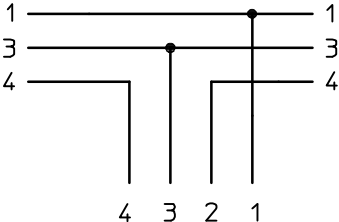
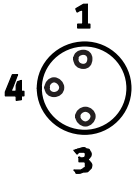
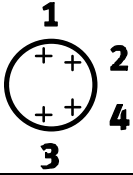
Operating and environmental conditions		
Ambient temperature	[°C]	−25 ... +85
Storage temperature	[°C]	−25 ... +85
Corrosion resistance class CRC <sup>1)</sup>		2

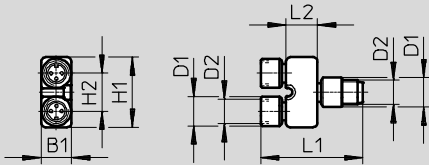
1) Corrosion resistance class 2 according to Festo standard 940 070  
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

# T-distributor, plug M8, 4-pin

Technical data

FESTO

Circuitry (socket/plug view)		
Socket	Circuitry	Socket
		
		

Dimensions	Download CAD Data → <a href="http://www.festo.com/us/cad">www.festo.com/us/cad</a>
	

Type	B1	D1 Ø	D2	H1	H2	L1	L2
NEDU-M8D3-M8T4	10	9.7	M8	23	12.5	33.6	10.4

Ordering data			
Electrical connection		Part no.	Type
Plug M8, 4-pin	2x socket M8, 3-pin	544391	NEDU-M8D3-M8T4

# T-distributor, plug M12, 4-pin

Technical data

**FESTO**

Push-in T-connector NEDU-M

• T-adapter



General technical data				
Type		NEDU-M8D3-M12T4	NEDU-M12D4-M12T4-IS	NEDU-M12D5-M12T4
Type of mounting		Screw-in	Screw-in	Screw-in
Mounting position		Any	–	Any
Connection frequency		500	100	500
Nominal operating voltage	[AC V]	60	–	250
	[DC V]	60	–	60
Operating voltage range	[AC V]	60	–	250
	[DC V]	60	0 ... 30	250
Acceptable current load	[A]	4	–	4
Protection class to EN 60529		IP65, IP67	IP65, IP67	IP65, IP67
Based on standard		EN 60947-5-2	EN 61076-2-101	EN 60947-5-2
Max. tightening torque	[Nm]	0.3 with M8	0.5	0.5
	[Nm]	0.5 with M12		
Product weight	[g]	16.9	25.5	25.5

Materials				
Type		NEDU-M8D3-M12T4	NEDU-M12D4-M12T4-IS	NEDU-M12D5-M12T4
Housing		Reinforced TPE-U(PU)	Reinforced TPE-U(PU) Die-cast zinc	Reinforced TPE-U(PU)
Housing colour		Black	–	Black
Pin contacts		Gold-plated brass	Gold-plated copper alloy	Gold-plated brass
Union nut		Chrome-plated and nickel-plated brass	PA reinforced	Chrome-plated and nickel-plated brass
Seals		–	FPM	–
Note on materials		Free of copper and PTFE	RoHS-compliant	Free of copper and PTFE

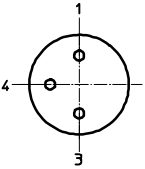
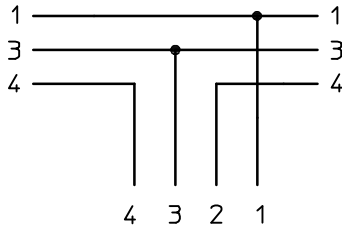
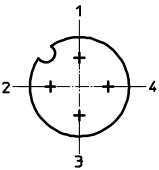
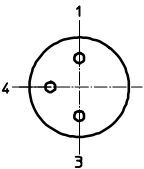
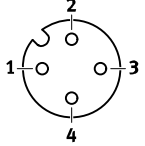
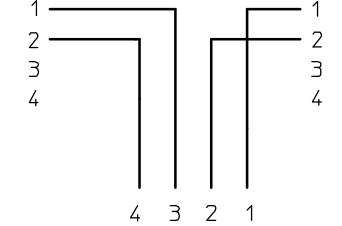
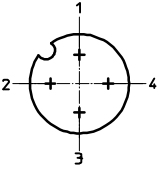
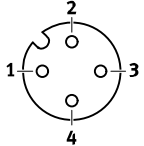
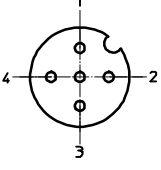
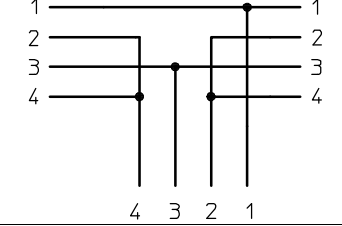
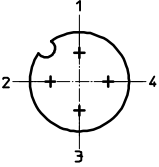
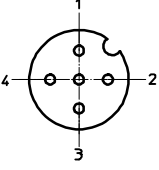
Operating and environmental conditions				
Type		NEDU-M8D3-M12T4	NEDU-M12D4-M12T4-IS	NEDU-M12D5-M12T4
Ambient temperature	[°C]	–25 ... +85	–25 ... +85	–25 ... +85
Storage temperature	[°C]	–25 ... +85	–	–25 ... +85
Corrosion resistance class CRC		2 <sup>1)</sup>	3 <sup>2)</sup>	2 <sup>1)</sup>

- 1) Corrosion resistance class 2 according to Festo standard 940 070  
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.
- 2) Corrosion resistance class 3 according to Festo standard 940 070  
Components subject to high corrosion stress. Externally visible parts with primarily functional surface requirements which are in direct contact with a normal industrial environment or media such as solvents and cleaning agents.

# T-distributor, plug M12, 4-pin

Technical data

FESTO

Circuitry (socket/plug view)		
NEDU-M8D3-M12T4		
Socket	Circuitry	Socket
	 	
NEDU-M12D4-M12T4-IS		
Socket	Circuitry	Socket
	 	
NEDU-M12D5-M12T4		
Socket	Circuitry	Socket
	 	

# T-distributor, plug M12, 4-pin

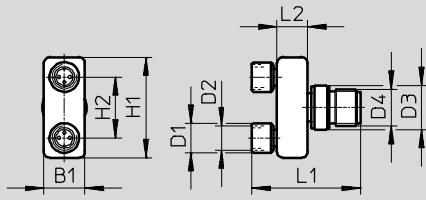
Technical data

**FESTO**

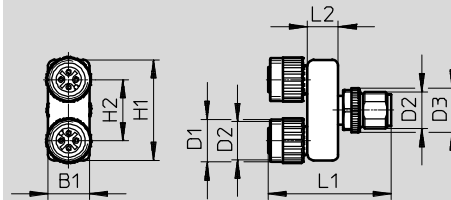
## Dimensions

Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)

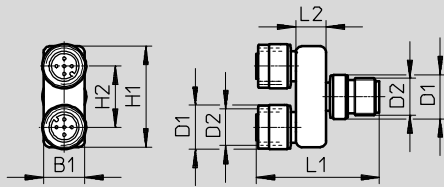
NEDU-M8D3-M12T4



NEDU-M12D4-M12T4-IS



NEDU-M12D5-M12T4



Type	B1	D1 Ø	D2	D3 Ø	D4	H1	H2	L1	L2
NEDU-M8D3-M12T4	13.5	9.7	M8	14.5	M12	33	20	35.6	10
NEDU-M12D4-M12T4-IS	13.5	14	M12	14.4	–	33	20	40.3	10
NEDU-M12D5-M12T4	13.5	14.5	M12	–	–	33	20	40.3	10

## Ordering data

Electrical connection		Part No.	Type
Plug M12, A-coded, 4-pin	2x socket M8, A-coded, 3-pin	<b>541597</b>	<b>NEDU-M8D3-M12T4</b>
	2x socket M12, A-coded, 4-pin	<b>562248</b>	<b>NEDU-M12D4-M12T4-IS</b>
	2x socket M12, A-coded, 5-pin	<b>541596</b>	<b>NEDU-M12D5-M12T4</b>

# T-distributor, plug M12, 5-pin

Technical data

FESTO

## T-adapter FB-TA-M12

- T-adapter
- Branch line for connecting and disconnecting fieldbus components
- Connected fieldbus components can be disconnected without interrupting signal transmission (to other components)



General technical data		
Type of mounting	Via through-hole	
Operating voltage range [DC V]	10 ... 30	
Acceptable current load [A]	4	
Protection class to EN 60529	IP67	

Operating and environmental conditions		
Ambient temperature [°C]	-25 ... +90	

Circuitry (socket/plug view)		
Socket	Circuitry	Plug

Dimensions		Download CAD Data → <a href="http://www.festo.com/us/cad">www.festo.com/us/cad</a>
		<p>1 Socket M12, 5-pin</p> <p>2 Plug M12, 5-pin</p>

Type	B1	B2	D1	D2	H1	H2	H3	L1	L2	L3
FB-TA-M12-5POL	17	12	8	4.5	45.2	16	6.5	57	23.5	10.4

Ordering data		
Electrical connection	Part no.	Type
Plug M12, 5 pin	2x socket, M12, 5-pin	171175 FB-TA-M12-5POL



## Y-connecting cable, socket M12, 5-pin

FESTO

### Technical data

#### T-adapter FB-TA

- Branch line for connecting and disconnecting fieldbus components
- Connected fieldbus components can be disconnected without interrupting signal transmission (to other components)



General technical data		
Type of mounting		Via union nut
Mounting position		Any
Operating voltage range	[AC V]	Max. 10
	[DC V]	Max. 30
Acceptable current load	[A]	4
Cable composition	[mm <sup>2</sup> ]	2x 0.25
Cable diameter	[mm]	5
Protection class to EN 60529		IP67

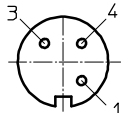
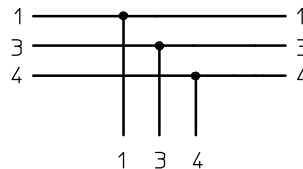
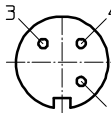
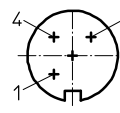
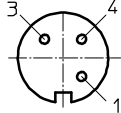
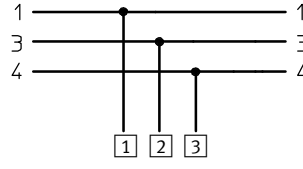
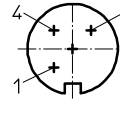
Materials	
Housing	PA
Cable sheath	PVC
Pin contacts	Nickel-plated/tin-plated brass

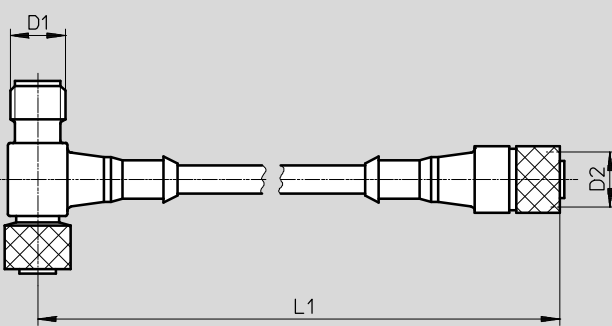
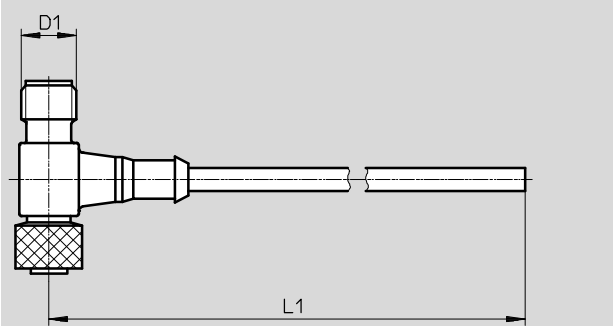
Operating and environmental conditions		
Ambient temperature	[°C]	–25 ... +90

# Y-connecting cable, socket M12, 5-pin

FESTO

Technical data

Circuitry (socket/plug view)		
FB-TA		
Socket	Circuitry	Plug
	 	
FB-TA-1		
Socket	Circuitry	Plug
	 <div> <div>1</div> White         <div>2</div> Black         <div>3</div> Screening       </div>	

Dimensions		Download CAD Data → <a href="http://www.festo.com/us/cad">www.festo.com/us/cad</a>	
FB-TA		FB-TA-1	
			
Type	D1	D2	L1
FB-TA	M12	M12	150
FB-TA-1	M12	–	140

Ordering data			
Electrical connection		Weight [g]	Part No. Type
Plug M12, 5 pin	2x socket M12, 5-pin	37	18498 FB-TA
Open cable end, 2-wire	Plug/socket M12, 5-pin	23	18499 FB-TA-1

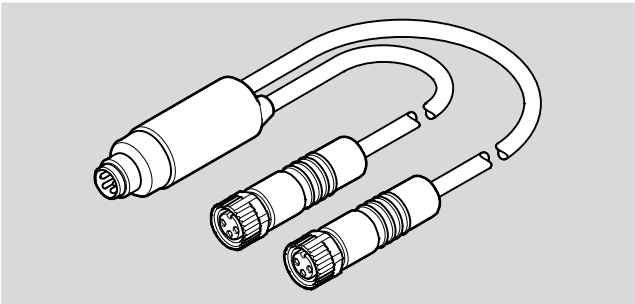
# Y-connecting cable, plug M8, 4-pin

Technical data



## DUO cable NEDU-L2

- Y-connecting cable
- For connecting 2 sensors to an input socket with double allocation



General technical data		
Operating voltage range	[AC V]	0 ... 60
Acceptable current load	[A]	2
Surge resistance	[kV]	1.5
Cable diameter	[mm]	3.1
Cable length	[m]	1
Protection class to EN 60529		IP67

Materials	
Housing	PUR
Socket	PUR
Pin contacts	Gold-plated brass
Note on materials	RoHS-compliant
Corrosion resistance class CRC <sup>1)</sup>	1

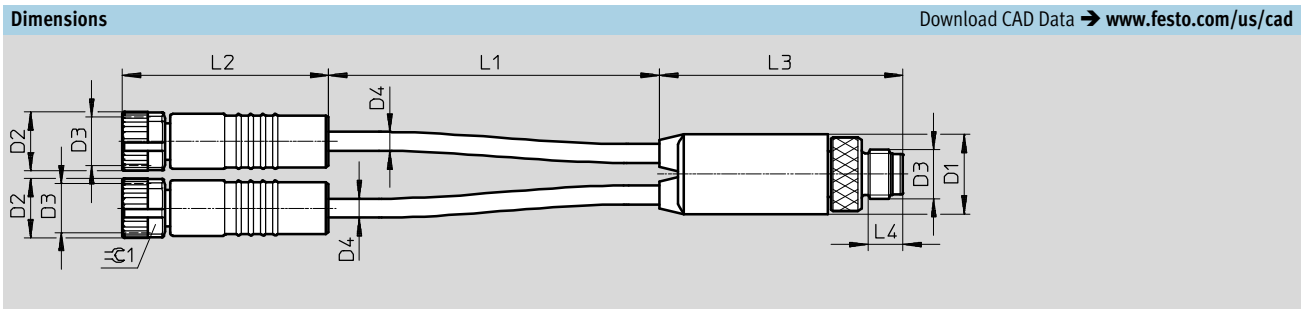
1) Corrosion resistance class 1 according to Festo standard 940 070  
Components subject to low corrosion stress. Transport and storage protection. Parts that do not have primarily decorative surface requirements, e.g. in internal areas that are not visible or behind covers.

Operating and environmental conditions		
Ambient temperature	[°C]	−25 ... +85

Circuitry (socket/plug view)		
Socket	Circuitry	Socket

# Y-connecting cable, plug M8, 4-pin

Technical data



Type	D1	D2	D3	D4	L1	L2	L3	L4	⏏1
NEDU-L2R1-M8G3-K-1L1-1L2-M8G4	∅ 13	∅ 9.7	∅ M8	∅ 3.1	1000	33.8	39.9	4.7	9

Ordering data			
Electrical connection		Part no.	Type
Plug M8, 4 pin	2x socket M8, 3-pin	574591	NEDU-L2R1-M8G3-K-1L1-1L2-M8G4

# Y-connecting cable, plug M12, 4-pin

FESTO

Technical data

## DUO cable KM12-DUO

- Y-connecting cable
- For connecting 2 sensors to an input socket with double allocation



General technical data		
Type of mounting	Via through-hole, via threaded connector, via union nut	
Mounting position	Any	
Operating voltage range	[AC V]	Max. 60
	[DC V]	Max. 75
Acceptable current load	[A]	2.8
Cable composition	[mm <sup>2</sup> ]	2x 3x 0.25
Cable diameter	[mm]	4.5
Cable length	[m]	0.6
Protection class to EN 60529	IP67	

Materials	
Housing	PUR
Cable sheath	PUR
Cable sheath colour	Grey
Pin contacts	Gold-plated brass
Union nut	Nickel-plated brass

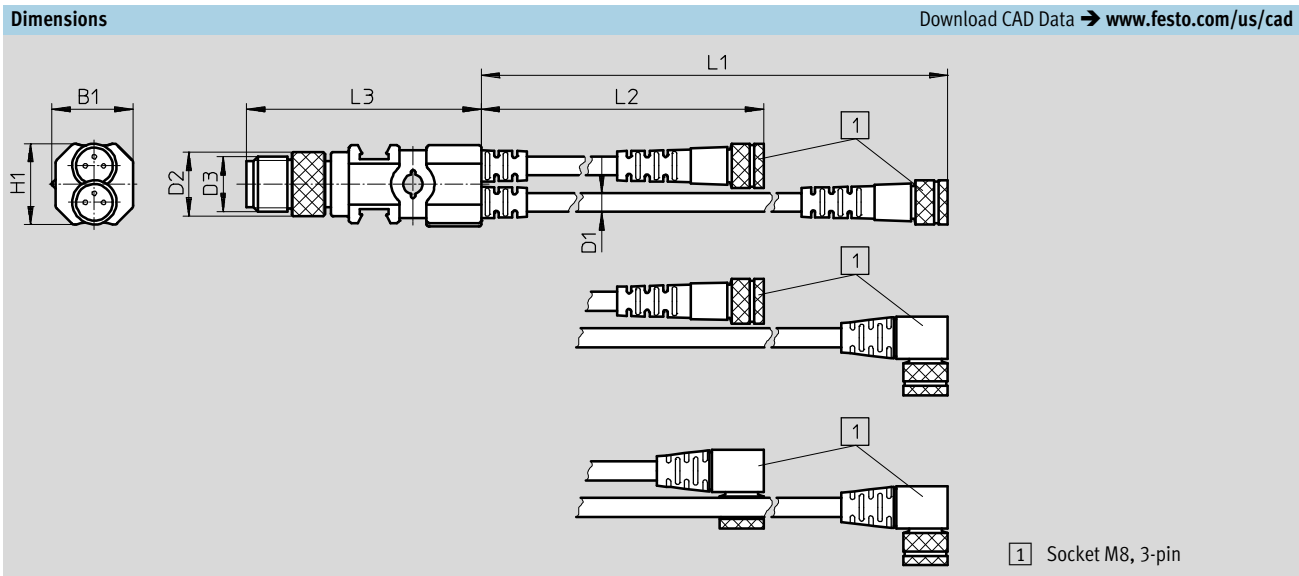
Operating and environmental conditions		
Ambient temperature	[°C]	−30 ... +70
Ambient temperature with flexible cable installation	[°C]	−5 ... +70

Circuitry (socket/plug view)		
Socket	Circuitry	Socket

# Y-connecting cable, plug M12, 4-pin

Technical data

**FESTO**



Type	B1	D1 Ø	D2 Ø	D3 Ø	H1	L1	L2	L3
KM12-DUO-M8	17	4.5	14	M12	17.5	600	500	51.5

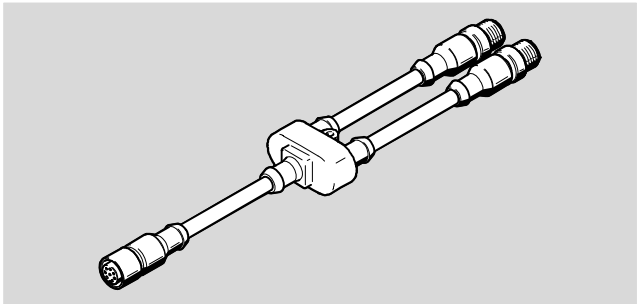
Ordering data					
Electrical connection		Outlet direction socket M8	Weight [g]	Part no.	Type
Plug M12, 4-pin	2x socket M8, 3-pin	Straight - straight	61	<b>18685</b>	<b>KM12-DUO-M8-GDGD</b>
		Straight - angled	61	<b>18688</b>	<b>KM12-DUO-M8-GDWD</b>
		Angled - angled	61	<b>18687</b>	<b>KM12-DUO-M8-WDWD</b>

# Y-connecting cable, socket M12, 8-pin



Technical data

Connecting cable NEBV-M12G8      • Y-connecting cable



General technical data		
Operating voltage range	[AC V]	Max. 30
	[DC V]	Max. 36
Acceptable current load	[A]	1.5
Cable characteristics		Standard
Min. cable bending radius	[mm]	66
Cable composition	[mm <sup>2</sup> ]	8x 0.25, screened
Protection class to EN 60529		IP67 in mounted status

Materials	
Housing	PUR
Cable sheath	PUR

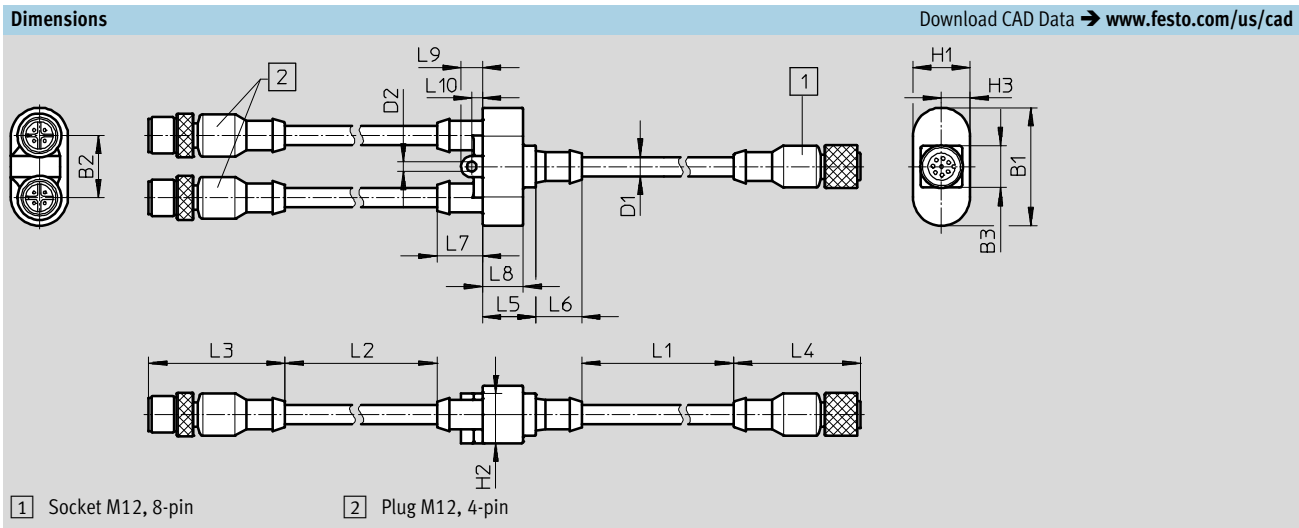
Operating and environmental conditions	
Ambient temperature	[°C]      -25 ... +85
Ambient temperature with flexible cable installation	[°C]      0 ... +80

Circuitry (socket/plug view)		
Plug	Circuitry	Plug
	<div style="display: flex; justify-content: space-around;"> <div> <p>A (AI module)</p> </div> <div> <p>B (AO module)</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>C</p> </div>	

# Y-connecting cable, socket M12, 8-pin

Technical data

FESTO



Type	B1	B2	B3	D1 Ø	D2 Ø	H1	H2	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10
NEBV-M12G8-KD-3-M12G4	38.8	20.5	13.8	6.3	3.2	18.8	16.3	9.4	2500	500	44.9	41.7	17.5	15	15	13.3	7.1	3.6

Ordering data			
Electrical connection		Product weight [g]	Part no.      Type
Socket M12, 8-pin      2x plug, M12, 4-pin		247	<b>547888</b> <b>NEBV-M12G8-KD-3-M12G4</b>



# Multi-pin plug distributor, open cable end 11-wire, socket M12, 5-pin

FESTO

Technical data

Multi-pin plug distributor MPV

- Multi-pin plug distributor



General technical data		
Electrical connection technology for I/O		M12, 5-pin
Type of mounting		Via through-hole
Operating voltage range	[DC V]	10 ... 30
Acceptable current load	[A]	12
Acceptable current load per slot	[A]	4
Protection class to EN 60529		IP67 in mounted status

Materials	
Housing	TPE-U (PU)
Cable sheath	TPE-U (PU)
Socket	Galvanized brass

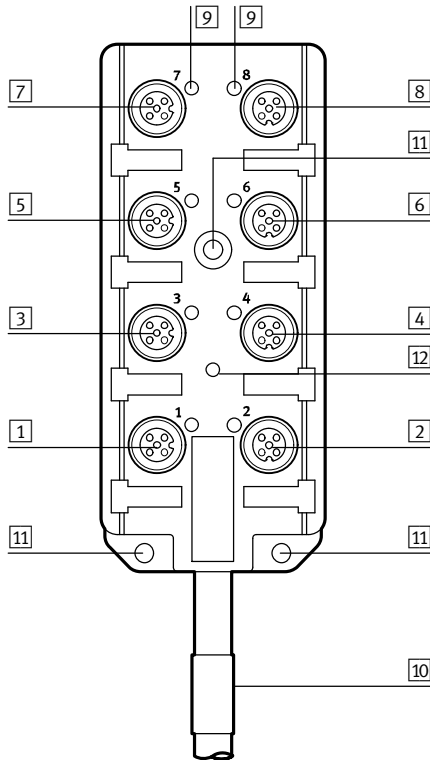
Operating and environmental conditions		
Ambient temperature	[°C]	−20 ... +80

# Multi-pin plug distributor, open cable end 11-wire, socket M12, 5-pin

FESTO

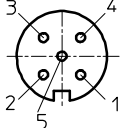
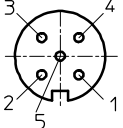
Technical data

## Connection and display components



- 1 Sensor connection, location 1
- 2 Sensor connection, location 2
- 3 Sensor connection, location 3
- 4 Sensor connection, location 4
- 5 Sensor connection, location 5
- 6 Sensor connection, location 6
- 7 Sensor connection, location 7
- 8 Sensor connection, location 8
- 9 Green LED for status display (one LED per input)
- 10 Multi-pin plug connection/multi-pin cable
- 11 Mounting holes
- 12 Ready status display

## Circuitry (socket/plug view)

Individual connection			Allocation	Multi-pin plug connection		Allocation	Individual connection		
	Location	Pin		Wire colour <sup>1)</sup>			Pin	Location	
	1	1	24 DC V	BN	BN	24 DC V	1	2	
		2	n.c.	–	–	n.c.	2		
		3	0 V	BU	BU	0 V	3		
		4	Input 1	WH	GN	Input 2	4		
		5	PU	GN YE	GN YE	PU	5		
	3	1	24 DC V	BN	BN	24 DC V	1	4	
		2	n.c.	–	–	n.c.	2		
		3	0 V	BU	BU	0 V	3		
		4	Input 3	YE	GY	Input 4	4		
		5	PU	GN YE	GN YE	PU	5		
	5	1	24 DC V	BN	BN	24 DC V	1	6	
		2	n.c.	–	–	n.c.	2		
		3	0 V	BU	BU	0 V	3		
		4	Input 5	PK	RD	Input 6	4		
		5	PU	GN YE	GN YE	PU	5		
	7	1	24 DC V	BN	BN	24 DC V	1	8	
		2	n.c.	–	–	n.c.	2		
3		0 V	BU	BU	0 V	3			
4		Input 7	BK	VT	Input 8	4			
5		PU	GN YE	GN YE	PU	5			

1) To IEC 757

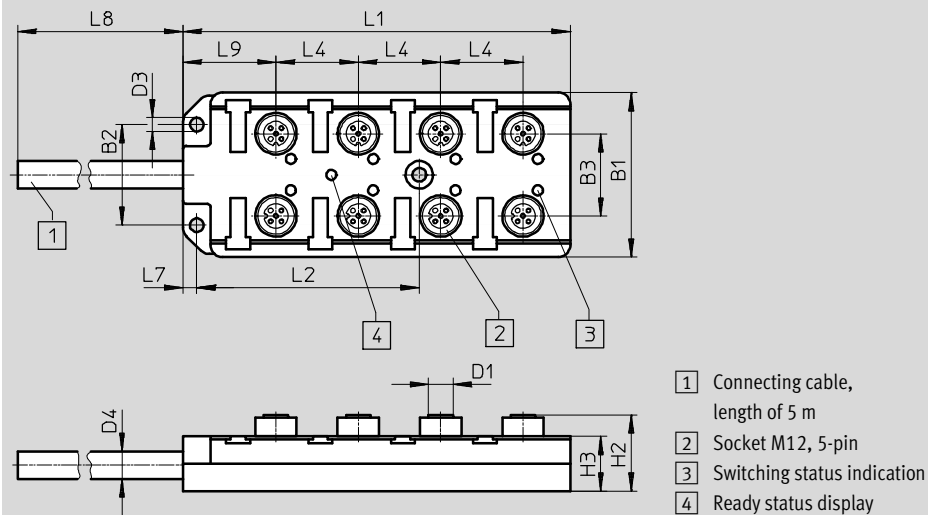
# Multi-pin plug distributor, open cable end 11-wire, socket M12, 5-pin

FESTO

Technical data

## Dimensions

Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)




Type	B1	B2	B3	D1	D3	D4	H2	H3	L1	L2	L4	L7	L8	L9
MPV-E/A08-M12	54	33	27	M12	4.5	9	25	18	127	73	27	4.5	5000	30.5

## Ordering data

Electrical connection	Weight [g]	Part no.	Type
Open cable end, 11-pin	200	177671	MPV-E/A08-M12

## Ordering data – Accessories

Designation	Part no.	Type
Cover cap		
 Cover cap for sealing unused sockets (10 pieces)	For M12 connections	165592 ISK-M12

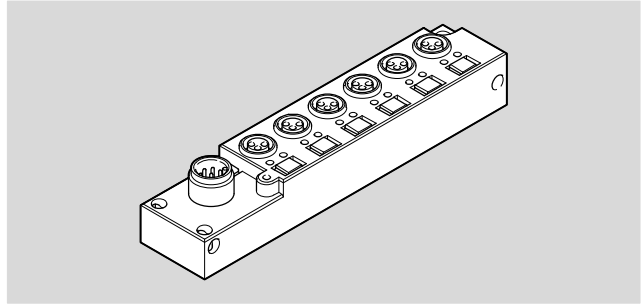
# Multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

FESTO

Technical data

## Multi-pin plug distributor NEDU-L

- Multi-pin plug distributor
- Particularly compact



General technical data		
Electrical connection		Straight plug, M12, 8-pin
		Straight socket, M8, 3-pin
Mounting position		Any
Operating voltage range	[DC V]	10 ... 30
Acceptable current load	[A]	3
Acceptable current load per slot	[A]	2
Ready status display		Green LED
Status display		Yellow LED
Protection class to EN 60529		IP68

Materials	
Housing	PBT, reinforced
Housing colour	Grey
Seals	FPM
Pin contacts	Nickel-plated and gold-plated
Socket	Nickel-plated brass
Corrosion resistance class CRC <sup>1)</sup>	3

- 1) Corrosion resistance class 3 according to Festo standard 940 070  
Components subject to high corrosion stress. Externally visible parts with primarily functional surface requirements which are in direct contact with a normal industrial environment or media such as solvents and cleaning agents.

Operating and environmental conditions		
Ambient temperature	[°C]	−20 ... +80

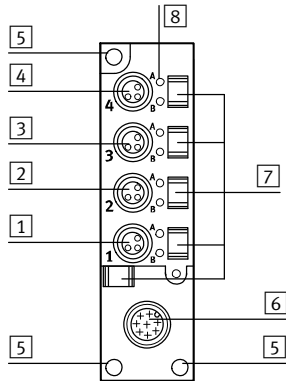
# Multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

FESTO

Technical data

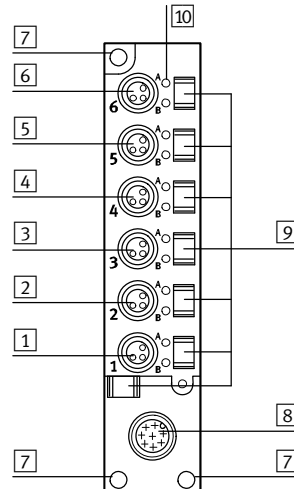
## Connection and display components

NEDU-L4R1-M8G3L-M12G8



- 1 Sensor connection, location 1
- 2 Sensor connection, location 2
- 3 Sensor connection, location 3
- 4 Sensor connection, location 4
- 5 Mounting holes
- 6 Multi-pin plug connection
- 7 Holder for inscription label (ASLR-L-55)
- 8 LED for status display

NEDU-L6R1-M8G3L-M12G8



- 1 Sensor connection, location 1
- 2 Sensor connection, location 2
- 3 Sensor connection, location 3
- 4 Sensor connection, location 4
- 5 Sensor connection, location 5
- 6 Sensor connection, location 6
- 7 Mounting holes
- 8 Multi-pin plug connection
- 9 Holder for inscription label (ASLR-L-55)
- 10 LED for status display

## Circuitry (socket/plug view)

Individual connection			Allocation	Multi-pin plug connection	
	Location	Pin		Pin	
	1	1	+UB	5	
		3	-UB	7	
		4	Input 1	1	
	2	1	+UB	5	
		3	-UB	7	
		4	Input 2	2	
	3	1	+UB	5	
		3	-UB	7	
		4	Input 3	3	
	4	1	+UB	5	
		3	-UB	7	
		4	Input 4	4	
	5	1	+UB	5	
		3	-UB	7	
		4	Input 5	6	
	6	1	+UB	5	
		3	-UB	7	
		4	Input 6	8	

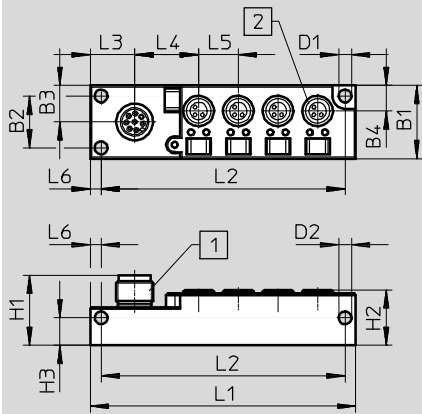
# Multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

FESTO

Technical data

## Dimensions

Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)



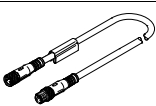

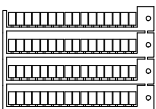
- 1 Plug M12, 8-pin
- 2 Socket M8, 3-pin

Type	B1	B2	B3	B4	D1 Ø	D2 Ø	H1	H2	H3	L1	L2	L3	L4	L5	L6
NEDU-L4R1-M8G3L-M12G8	24	17	12	8.4	4.2	4.2	23	18.2	9	87	80	14.5	21	13	3.5
NEDU-L6R1-M8G3L-M12G8	24	17	12	8.4	4.2	4.2	23	18.2	9	113	106	14.5	21	13	3.5

## Ordering data

Electrical connection				Weight [g]	Part no.	Type
Plug M12, 8 pin	4x socket, M8, 3-pin			58	574586	NEDU-L4R1-M8G3L-M12G8
	6x socket, M8, 3-pin			74	574587	NEDU-L6R1-M8G3L-M12G8

## Ordering data – Accessories

Designation				Part no.	Type
Connecting cable					
	Socket M12, 8-pin, angled	Open cable end, 8-wire	Length: 2 m	542256	NEBU-M12W8-2-N-LE8
			Length: 5 m	542257	NEBU-M12W8-5-N-LE8
			Length: 10 m	570007	NEBU-M12W8-10-N-LE8
	Socket M12, 8-pin, straight	Open cable end, 8-wire	Length: 2 m	525616	SIM-M12-8GD-2-PU
			Length: 5 m	525618	SIM-M12-8GD-5-PU
			Length: 10 m	570008	SIM-M12-8GD-10-PU
		Plug M12, 8-pin, straight	Length: 2 m	525617	KM12-8GD8GS-2-PU
Cover cap					
	Cover cap for sealing unused sockets (10 pieces)		For M12 connections	165592	ISK-M12
Inscription label					
	Inscription labels in frames, pack of 1000		5x5 mm	574590	ASLR-L-55

# Multi-pin plug distributor, plug Sub-D, 15-pin, socket M8, 3-pin

FESTO

Technical data

Multi-pin plug distributor MPV

- Multi-pin plug distributor



General technical data		
Electrical connection technology for I/O	M8, 3-pin	
Type of mounting	Either via H-rail or through-hole	
Operating voltage range	[DC V]	10 ... 30
Acceptable current load	[A]	4
Acceptable current load per slot	[A]	1
Protection class to EN 60529	IP65 in mounted status	

Materials		
Housing	Reinforced PA6	
Socket	Brass	

Operating and environmental conditions		
Ambient temperature	[°C]	-20 ... +80

# Multi-pin plug distributor, plug Sub-D, 15-pin, socket M8, 3-pin

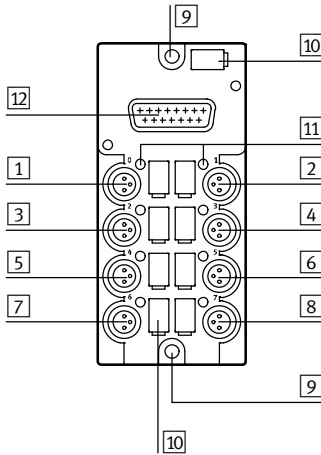
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Technical data

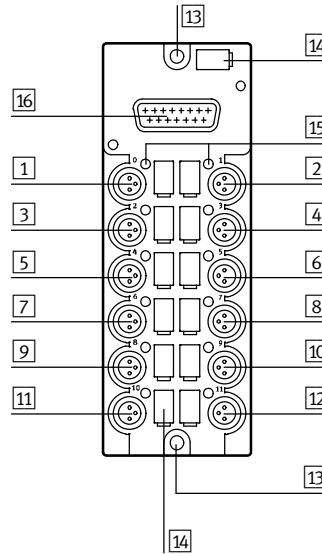
## Connection and display components

MPV-E/A08-M8

MPV-E/A12-M8

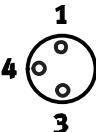
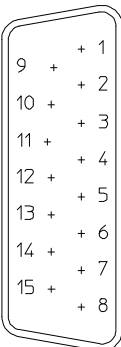
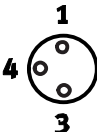


- 1 Sensor connection, location 1
- 2 Sensor connection, location 2
- 3 Sensor connection, location 3
- 4 Sensor connection, location 4
- 5 Sensor connection, location 5
- 6 Sensor connection, location 6
- 7 Sensor connection, location 7
- 8 Sensor connection, location 8
- 9 Mounting holes
- 10 Holder for inscription label (IBS-6x10)
- 11 LED for status display
- 12 Multi-pin plug connection



- 1 Sensor connection, location 1
- 2 Sensor connection, location 2
- 3 Sensor connection, location 3
- 4 Sensor connection, location 4
- 5 Sensor connection, location 5
- 6 Sensor connection, location 6
- 7 Sensor connection, location 7
- 8 Sensor connection, location 8
- 9 Sensor connection, location 9
- 10 Sensor connection, location 10
- 11 Sensor connection, location 11
- 12 Sensor connection, location 12
- 13 Mounting holes
- 14 Holder for inscription label (IBS-6x10)
- 15 LED for status display
- 16 Multi-pin plug connection

## Circuitry (socket/plug view)

Individual connection			Allocation	Multi-pin plug connection			Allocation	Individual connection		
	Locati on	Pin		Pin		Pin		Pin	Locati on	
	1	1	24 DCV	13		13	24 DCV	1	2	
		3	0 V	14/15		14/15	0 V	3		
		4	Input <sub>1</sub>	1		2	Input <sub>2</sub>	4		
	3	1	24 DCV	13		13	24 DCV	1	4	
		3	0 V	14/15		14/15	0 V	3		
		4	Input <sub>3</sub>	3		4	Input <sub>4</sub>	4		
	5	1	24 DCV	13		13	24 DCV	1	6	
		3	0 V	14/15		14/15	0 V	3		
		4	Input <sub>5</sub>	5		6	Input <sub>6</sub>	4		
	7	1	24 DCV	13		13	24 DCV	1	8	
		3	0 V	14/15		14/15	0 V	3		
		4	Input <sub>7</sub>	7		8	Input <sub>8</sub>	4		
	9	1	24 DCV	13		13	24 DCV	1	10	
		3	0 V	14/15		14/15	0 V	3		
		4	Input <sub>9</sub>	9		10	Input <sub>10</sub>	4		
	11	1	24 DCV	13		13	24 DCV	1	12	
		3	0 V	14/15		14/15	0 V	3		
		4	Input <sub>11</sub>	11		12	Input <sub>12</sub>	4		



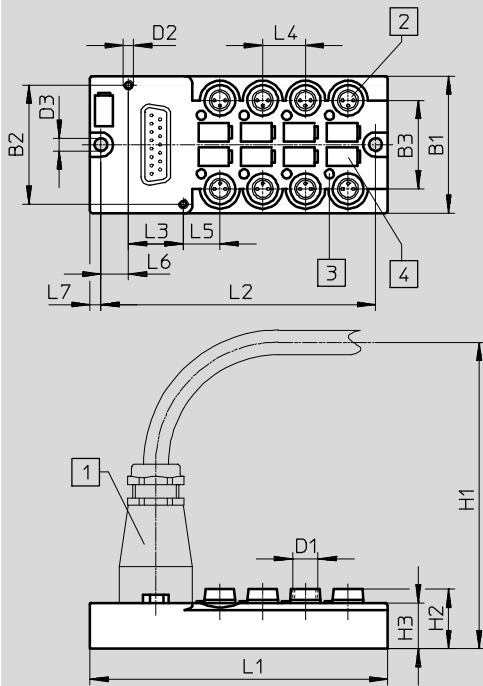
# Multi-pin plug distributor, plug Sub-D, 15-pin, socket M8, 3-pin

Technical data

**FESTO**

## Dimensions

Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)



- 1 Connecting cable
- 2 Socket M8, 3-pin
- 3 Switching status indication
- 4 Inscription label

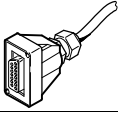
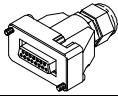

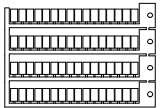
Type	B1	B2	B3	D1	D2	D3 Ø	H1	H2	H3	L1	L2	L3	L4	L5	L6	L7
MPV-E/A08-M8	45	39	29	M8	M3	4.2	126	19.5	15	98	90	18	14	12	9	4
MPV-E/A12-M8	45	39	29	M8	M3	4.2	126	19.5	15	126	118	18	14	12	9	4

# Multi-pin plug distributor, plug Sub-D, 15-pin, socket M8, 3-pin

FESTO

Accessories

Ordering data				
Electrical connection		Weight [g]	Part no.	Type
Plug Sub-D, 15-pin	Socket M8x8	100	<b>177669</b>	<b>MPV-E/A08-M8</b>
	Socket M8x12	120	<b>177670</b>	<b>MPV-E/A12-M8</b>

Ordering data – Accessories				
Designation			Part no.	Type
Multi-pin plug connection				
	Plug socket with cable <ul style="list-style-type: none"> <li>• Socket Sub-D, 15-pin</li> <li>• Open cable end, 15-wire</li> </ul>	5 m	<b>177673</b>	<b>KMPV-SUB-D-15-5</b>
		10 m	<b>177674</b>	<b>KMPV-SUB-D-15-10</b>
	Socket Sub-D, 15-pin		<b>177675</b>	<b>SD-SUB-D-BU15</b>
Cover cap				
	Cover cap for sealing unused sockets (10 pieces)	For M8 connections	<b>177672</b>	<b>ISK-M8</b>
Inscription label				
	Inscription labels in frames, pack of 64	6x10 mm	<b>18576</b>	<b>IBS-6x10</b>

## Product Range and Company Overview

### A Complete Suite and Company Overview

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Complete custom engineered solutions



**Custom Control Cabinets**  
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To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.

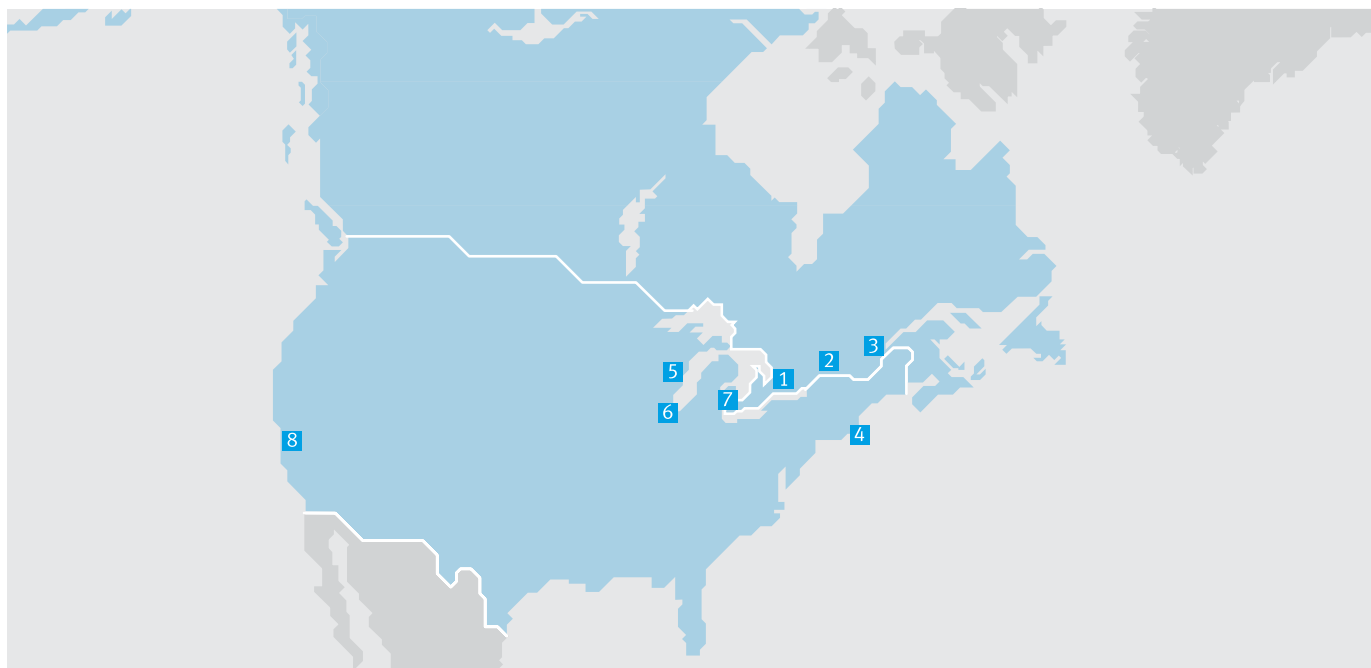


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Technical Support:  
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Fax: 1 800 96 FESTO (1 800 963 3786)  
Email: product.support@us.festo.com

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