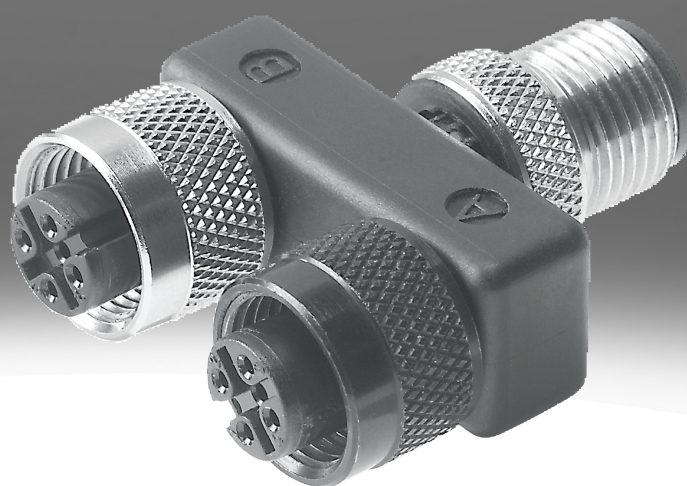


Plug connector NEDU

FESTO



Type code

001	Series	
NEDU	Distributor, universal	
002	Distributor type	
	Standard (see circuit diagram)	
L1R2	1 to 2	
L2R1	Y-distributor	
L4R1	4 to 1	
L6R1	6 to 1	
003	Circuitry	
	None	
V8	Variant 8 (see circuit diagram, safety plug connectors for IO-Link® valve terminals)	
V9	Variant 9	
V10	Variant 10	
004	Connection technology left, field device side	
M8	Socket M8x1 A-coded, EN 61076-2-104	
M12	Socket M12x1 A-coded, EN 61076-2-101	
R3L1	RJ45 and PCB plug connectors	
005	Cable outlet left	
G	Straight	
006	Number of pins/wires on the left	
3	3	
4	4	
5	5	
8	8	
12	12	
007	Display	
	None	
L	LED signal status, DC	

008	Additional socket functions	
	None	
M22	Mounting with union nut M22x1.5	
009	Cable length string 1, left, field device side	
	None	
5L1	5 m	
010	Cable length string 2, left, field device side	
	None	
1L2	1 m	
011	Cable characteristic	
	Without cable	
E	Suitable for energy chains	
P	Basic	
012	Cable identification	
	With label holder	
N	Without label holder	
013	Connection technology right, controller side	
LE	Open end	
M12	Plug M12x1 A-coded, EN 61076-2-101	
R3U1	RJ45 and USB type A	
014	Cable outlet right	
	None	
G	Straight	
015	Number of pins/wires on the right	
4	4	
5	5	
8	8	
12	12	

Datasheet

General technical data, T-distributor, M12, 3-pin

Based on standard	EN 61076-2-101
Electrical connection 1	Straight socket, M12x1, 5-pin, A-coded
Electrical connection 2	Straight plug connector, M12x1, 2-pin, A-coded
Electrical connection 3	Straight plug connector, M12, 3-pin, A-coded
Type of mounting	Screw-in
Operational voltage range DC	0 ... 30 V
Immunity to surge	1.5 kV
Current rating at 40° C	4 A
Degree of protection	IP65 IP67
Product weight	28 g

Materials, T-distributor, M12, 3-pin

Material housing	TPE-U(PUR)
Housing colour	Black
Material union nut	Die-cast zinc, Nickel-plated
Material seals	FPM
Material electrical contact	Copper alloy Bronze
Note on materials	RoHS-compliant
LABS (PWS) conformity	VDMA24364-B2-L

Operating and environmental conditions, T-distributor, M12, 3-pin

Ambient temperature	-25 ... 85°C
Corrosion resistance class CRC ¹⁾	2 - Moderate corrosion stress
Pollution degree	3

1) For more information, visit www.festo.com/x/topic/crc

General technical data, T-distributor, M12, 4-pin

Electrical connection	4-pin/4-pin/4-pin A-coded/A-coded/A-coded Socket/socket/plug connector M12x1/M12x1/M12x1
Based on standard	EN 61076-2-101
Type of mounting	Screw-in
Frequency of connection	100
Operational voltage range DC	0 ... 30 V
Degree of protection	IP65, IP67
Max. tightening torque	0.5 Nm
Product weight	25.5 g

Materials, T-distributor, M12, 4-pin

Material housing	TPE-U(PU) reinforced, Die-cast zinc
Material electrical contact	Copper alloy, Bronze
Material union nut	PA-reinforced
Material seals	FPM
Note on materials	RoHS-compliant
LABS (PWS) conformity	VDMA24364-B2-L

Operating and environmental conditions, T-distributor, M12, 4-pin

Ambient temperature	-25 ... 85°C
Corrosion resistance class CRC ¹⁾	3 - high corrosion stress

1) For more information, visit www.festo.com/x/topic/crc

Datasheet

General technical data, T-distributor FB-TA, M12, 5-pin

Electrical connection	5-pin, M12x1/M12x1, Plug connectors/sockets
Type of mounting	With through-hole
Operational voltage range DC	10 ... 30 V
Permissible current load	4 A
Degree of protection	IP67

Materials, T-distributor FB-TA, M12, 5-pin

LABS (PWIS) conformity	VDMA24364-B2-L
------------------------	----------------

Operating and environmental conditions, T-distributor FB-TA, M12, 5-pin

Ambient temperature	-25 ... 90°C
---------------------	--------------

General technical data, T-distributor NEDU-L2R1-V10, M12, 5-pin

Based on standard	EN 61076-2-101
Electrical connection 1	Straight socket, M12x1, 5-pin, A-coded
Electrical connection 2	Straight socket, M12, 5-pin, A-coded
Electrical connection 3	Straight plug, M12, 5-pin, A-coded
Type of mounting	Screw-in
Max. tightening torque	0.6 Nm
Operational voltage range DC	0 ... 30 V
Immunity to surge	1.5 kV
Current rating at 40° C	4 A
Degree of protection	IP65, IP67

Materials, T-distributor NEDU-L2R1-V10, M12, 5-pin

Material housing	TPE-U(PUR)
Housing colour	Black
Material union nut	Die-cast zinc, Nickel-plated
Material seals	FPM
Material electrical contact	Copper alloy, Bronze
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B2-L

Operating and environmental conditions, T-distributor NEDU-L2R1-V10, M12, 5-pin

Ambient temperature	-25 ... 85°C
Corrosion resistance class CRC ¹⁾	2 - Moderate corrosion stress
Pollution degree	3

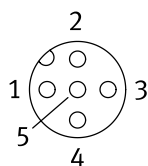
1) For more information, visit www.festo.com/x/topic/crc

General technical data, Y-distributor with cable, M12, 5-pin

Based on standard	EN 61076-2-101
Design	Y-distributor with cable on controller side
Distribution	1 to 2
Cable designation	Without inscription label holder
Additional functions	Additional supply for port B
Frequency of connection	100

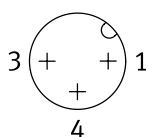
Datasheet

Technical data – Electrical connection 1, Y-distributor with cable, M12, 5-pin



Electrical connection 1, function	Field device side
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	5
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	Screw-type lock with 18 mm hexagon and longitudinal knurl

Technical data – Electrical connection 2, Y-distributor with cable, M12, 5-pin



Electrical connection 2, function	IO-Link® Communication
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, design	Round
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 2, number of connections/cores	3
Electrical connection 2, used connections/cores	3
Electrical connection 2, type of mounting	Screw-type lock with 13 mm hexagon and longitudinal knurl

Technical data – Electrical connection 3, Y-distributor with cable, M12, 5-pin

Electrical connection 3, function	Additional supply
Electrical connection 3, connection type	2x single wires
Electrical connection 3, connector system	Open end
Electrical connection 3, number of connections/cores	2
Electrical connection 3, used connections/cores	2

Datasheet

Technical data – Electrical, Y-distributor with cable, M12, 5-pin

Nominal operating voltage DC	24 V
Operational voltage range DC	0 ... 30 V
Immunity to surge	0.8 kV
Current rating at 40° C	4 A
Protective conductor connection	Not available
Shielding	no

Technical data – Cable, Y-distributor with cable, M12, 5-pin

Cable diameter 1	3.8 mm
Tolerance for cable diameter 1	± 0.1 mm
Cable design 1	3 x 0.25 mm ²
Bending radius 1, fixed cable installation	≥11.7 mm
Cable length 1	1 m
Cable diameter 2	1.75 mm
Tolerance for cable diameter 2	± 0.05 mm
Cable design 2	2 x 0.5 mm ²
Bending radius 2, fixed cable installation	≥6 mm
Cable length 2	1 m
Nominal cross section conductor	0.25 mm ² 0.5 mm ²
Cable characteristic	For static applications

Materials, Y-distributor with cable, M12, 5-pin

Material housing	PA TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass Die-cast zinc, nickel-plated
Material seals	NBR
Material electrical contact	Nickel-plated and gold-plated bronze Gold-plated brass
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material insulating sheath	PVC
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B2-L

Operating and environmental conditions, Y-distributor with cable, M12, 5-pin

Ambient temperature	-30 ... 80°C
Storage temperature	-30 ... 80°C
Degree of protection	IP65 IP68 IP69K
Note on degree of protection	IP40 for M12 socket In assembled state
CE mark (see declaration of conformity) ¹⁾	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity) ²⁾	To UK RoHS instructions
Corrosion resistance class CRC ³⁾	1 - Low corrosion stress
Pollution degree	3

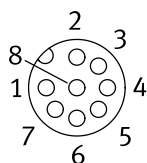
1) For more information, visit www.festo.com/catalogue/... → Support/Downloads.2) For more information, visit www.festo.com/catalogue/... → Support/Downloads.3) For more information, visit www.festo.com/x/topic/crc

Datasheet

General technical data, Y-distributor with cable NEBV, M12, 8-pin

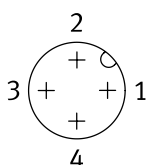
Design	Y-distributor with cables on both sides
Distribution	1 to 2
Type of mounting	Via through-hole for M3 screw
Cable designation	Without inscription label holder
Conforms to standard	DIN 47100, EN 61076-2-101
Additional functions	Distribution of the analogue inputs and outputs of a proportional pressure regulator

Technical data – Electrical connection 1, Y-distributor with cable NEBV, M12, 8-pin



Electrical connection 1, function	Field device side
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	Screw-type lock

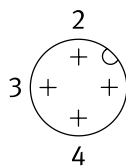
Technical data – Electrical connection 2, Y-distributor with cable NEBV, M12, 8-pin



Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, design	Round
Electrical connection 2, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 2, number of connections/cores	4
Electrical connection 2, used connections/cores	4
Electrical connection 2, type of mounting	Screw-type lock

Datasheet

Technical data – Electrical connection 3, Y-distributor with cable NEBV, M12, 8-pin



Electrical connection 3, function	Controller side
Electrical connection 3, connection type	Plugs
Electrical connection 3, cable outlet	Straight
Electrical connection 3, design	Round
Electrical connection 3, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 3, number of connections/cores	4
Electrical connection 3, used connections/cores	3
Electrical connection 3, type of mounting	Screw-type lock

Technical data – Electrical, Y-distributor with cable NEBV, M12, 8-pin

Operational voltage range DC	0 ... 30 V
Operational voltage range AC	0 ... 30 V
Immunity to surge	0.8 kV
Current rating at 40° C	2 A
Shielding	yes

Technical data – Cable, Y-distributor with cable NEBV, M12, 8-pin

Cable diameter 1	6.3 mm
Cable diameter 2	6.3 mm
Tolerance for cable diameter 1	± 0.2 mm
Tolerance for cable diameter 2	± 0.2 mm
Cable structure	8 x 0.25 mm ²
Nominal cross section conductor	0.25 mm ²
Cable characteristic	Standard
Bending radius 1, fixed cable installation	≥33 mm
Bending radius 2, fixed cable installation	≥33 mm
Min. bending radius with free moving insert 1	≥66 mm
Min. bending radius with free moving insert 2	≥66 mm

Datasheet

Materials, Y-distributor with cable NEBV, M12, 8-pin

Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Brass, nickel-plated and gold-plated
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Grey
Material insulating sheath	PP
Note on materials	RoHS-compliant Free of halogen
LABS (PWIS) conformity	VDMA24364-B2-L

Operating and environmental conditions, Y-distributor with cable NEBV, M12, 8-pin

Ambient temperature	-25 ... 80°C
Ambient temperature with moving cable	-5 ... 80°C
Degree of protection	IP67
Note on degree of protection	In assembled state
Corrosion resistance class CRC ¹⁾	2 - Moderate corrosion stress
Pollution degree	3
CE mark (see declaration of conformity) ²⁾	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity) ³⁾	To UK RoHS instructions

1) For more information, visit www.festo.com/x/topic/crc

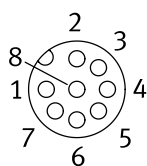
2) For more information, visit www.festo.com/catalogue/... → Support/Downloads.

3) For more information, visit www.festo.com/catalogue/... → Support/Downloads.

General technical data, Y-distributor with cable NEDU, M12, 8-pin

Design	Y-distributor with cable on field device and controller side
Distribution	1 to 2
Cable designation	Without inscription label holder
Based on standard	EN 61076-2-101
Additional functions	Connection of sensor and controller to proportional pressure regulator

Technical data – Electrical connection 1, Y-distributor with cable NEDU, M12, 8-pin



Electrical connection 1, function	Field device side
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Round
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	8
Electrical connection 1, used connections/cores	6
Electrical connection 1, type of mounting	Screw-type lock

Datasheet

Technical data – Electrical connection 2, Y-distributor with cable NEDU, M12, 8-pin

Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	5
Electrical connection 2, used connections/cores	5

Technical data – Electrical connection 3, Y-distributor with cable NEDU, M12, 8-pin

Electrical connection 3, function	Field device side
Electrical connection 3, connection type	Cable
Electrical connection 3, connector system	Open end
Electrical connection 3, number of connections/cores	3
Electrical connection 3, used connections/cores	3

Technical data – Electrical, Y-distributor with cable NEDU, M12, 8-pin

Operational voltage range DC	0 ... 30 V
Operational voltage range AC	0 ... 30 V
Immunity to surge	0.8 kV
Current rating at 40° C	2 A
Shielding	yes

Technical data – Cable, Y-distributor with cable NEDU, M12, 8-pin

Cable diameter 1	5.3 mm
Cable diameter 2	4.5 mm
Cable structure	3 x 0.25 mm ² , 5 x 0.25 mm ²
Nominal cross section conductor	0.25 mm ²

Materials, Y-distributor with cable NEDU, M12, 8-pin

Material housing	TPE-U(PUR)
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material seals	FPM
Material electrical contact	Gold-plated brass
Material cable sheath	TPE-U(PUR)
Cable sheath colour	Black
Material insulating sheath	PVC
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B2-L

Datasheet

Operating and environmental conditions, Y-distributor with cable NEDU, M12, 8-pin

Ambient temperature	-25 ... 80°C
Ambient temperature with moving cable	-5 ... 80°C
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Corrosion resistance class CRC ¹⁾	2 - Moderate corrosion stress
Pollution degree	3
CE mark (see declaration of conformity) ²⁾	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity) ³⁾	To UK RoHS instructions

1) For more information, visit www.festo.com/x/topic/crc

2) For more information, visit www.festo.com/catalogue/... → Support/Downloads.

3) For more information, visit www.festo.com/catalogue/... → Support/Downloads.

General technical data, Y-distributor with cable, plug RJ45

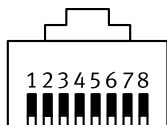
Conforms to standard	IEC 60603-7-3
Transmission characteristics	In accordance with category 5, EN 50173, class D In accordance with category 5, ISO/IEC 11801, class D
Cable designation	Without inscription label holder

Technical data – Electrical connection 1, Y-distributor with cable, plug RJ45

Electrical connection 1, function	Field device side
Electrical connection 1, connection type	Plugs
Electrical connection 1, cable outlet	Straight
Electrical connection 1, design	Angular
Electrical connection 1, connector system	Circuit board plug connector, RJ45
Electrical connection 1, number of connections/cores	12
Electrical connection 1, used connections/cores	12
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 1, tightening torque	3 Nm

Datasheet

Technical data – Electrical connection 2, Y-distributor with cable, plug RJ45



Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Plugs
Electrical connection 2, cable outlet	Straight
Electrical connection 2, design	Angular
Electrical connection 2, connector system	RJ45
Electrical connection 2, number of connections/cores	8
Electrical connection 2, used connections/cores	8
electrical connection 2, type of mounting	Snap-locking

Technical data – Electrical connection 3, Y-distributor with cable, plug RJ45

Electrical connection 3, function	Controller side
Electrical connection 3, connection type	Socket
Electrical connection 3, cable outlet	Straight
Electrical connection 3, design	Rectangular
Electrical connection 3, connector system	USB 2.0 type B
Electrical connection 3, number of connections/cores	4
Electrical connection 3, used connections/cores	4

Technical data – Electrical, Y-distributor with cable, plug RJ45

Operational voltage range DC	0 ... 60 V
Current rating at 40° C	1 A
Shielding	yes

Technical data – Cable, Y-distributor with cable, plug RJ45

Cable diameter 1	5.6 mm
Cable diameter 2	4.5 mm
Tolerance for cable diameter 1	± 0.2 mm
Tolerance for cable diameter 2	± 0.2 mm
Cable characteristic	For static applications
Bending radius, fixed cable	≥30 mm
Cable length 1	5 m
Cable length 2	1 m

Datasheet

Materials, Y-distributor with cable, plug RJ45

Material housing	PC
Housing colour	Transparent
Material screw-type lock	High-alloy stainless steel
Material seals	TPE-V
Material electrical contact	Brass, nickel-plated and gold-plated
Material cable sheath	PVC
Cable sheath colour	Black
Material insulating sheath	PVC
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III

Operating and environmental conditions, Y-distributor with cable, plug RJ45

Ambient temperature	-20 ... 55°C
Storage temperature	-20 ... 70°C
Corrosion resistance class CRC ¹⁾	4 - Very high corrosion stress, (when installed)
Relative air humidity	5 - 85% Non-condensing
CE mark (see declaration of conformity) ²⁾	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity) ³⁾	To UK instructions for EMC To UK RoHS instructions
Degree of protection	IP20, IP66, IP67
Note on degree of protection	In assembled state
Approval	RCM trademark c UL us listed (OL)
Certificate issuing authority	UL E239998

1) For more information, visit www.festo.com/x/topic/crc

2) For more information, visit www.festo.com/catalogue/... → Support/Downloads.

3) For more information, visit www.festo.com/catalogue/... → Support/Downloads.

General technical data, multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

Distributor type	4 to 1	6 to 1
Electrical connection 1	Straight socket, M8, 3-pin	
Electrical connection 2	Straight plug connector, M12x1, 8-pin	
Mounting position	optional	
Operational voltage range DC	10 ... 30 V	
Current rating at 40° C	3 A	
Max. current per plug-in position	2 A	
Ready status indication	Green LED	
Status indication	Yellow LED	
Degree of protection	IP68	

Materials, multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

Material housing	PBT-reinforced
Housing colour	grey
Material seals	FPM
Material electrical contact	Nickel-plated and gold-plated
Material socket	Nickel-plated brass
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III

Operating and environmental conditions, multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

Ambient temperature	-20 ... 80°C
Corrosion resistance class CRC ¹⁾	3 - high corrosion stress

1) For more information, visit www.festo.com/x/topic/crc

Datasheet

General technical data, multi-pin plug distributor MPV, plug Sub-D, 15-pin, socket M8, 3-pin

Distributor type	8 to 1	12 to 1
Electrical connection system I/Os	M8, 3-pin	
Type of mounting	Either:, With through-hole, With H-rail	
Operational voltage range DC	10 ... 30 V	
Permissible current load	4 A	
Max. current per plug-in position	1 A	
Degree of protection	IP65, In assembled state, To IEC 60529	

Materials, multi-pin plug distributor MPV, Sub-D plug, 15-pin, socket M8, 3-pin

Material housing	PA6 reinforced
Material socket	Brass
LABS (PWIS) conformity	VDMA24364-B2-L

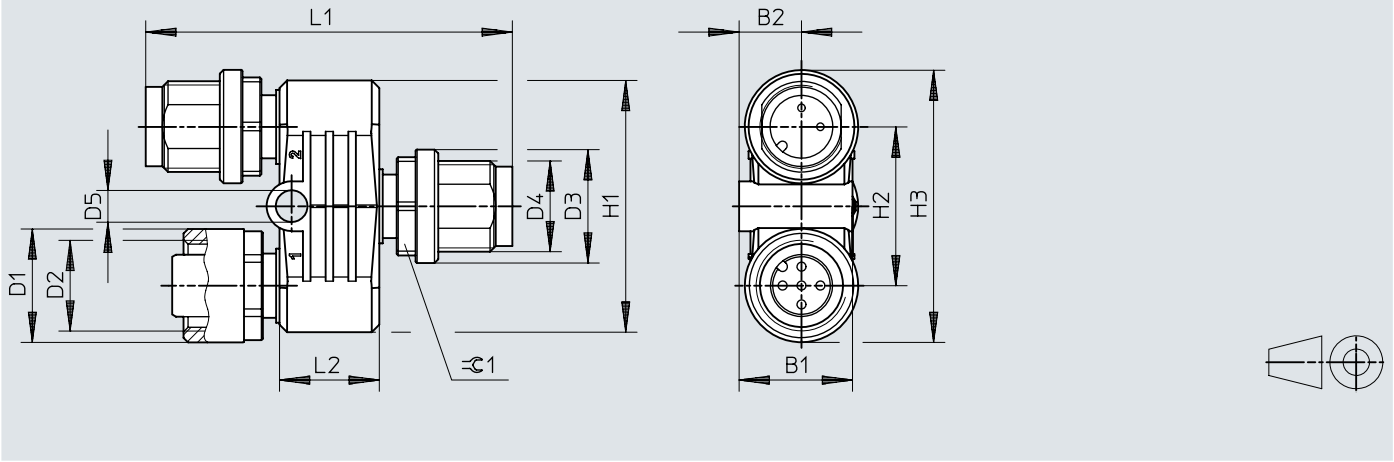
Operating and environmental conditions, multi-pin plug distributor, Sub-D plug, 15-pin, socket M8, 3-pin

Ambient temperature	-20 ... 80°C
---------------------	--------------

Dimensions

Dimensions – NEDU-L2R1-V8

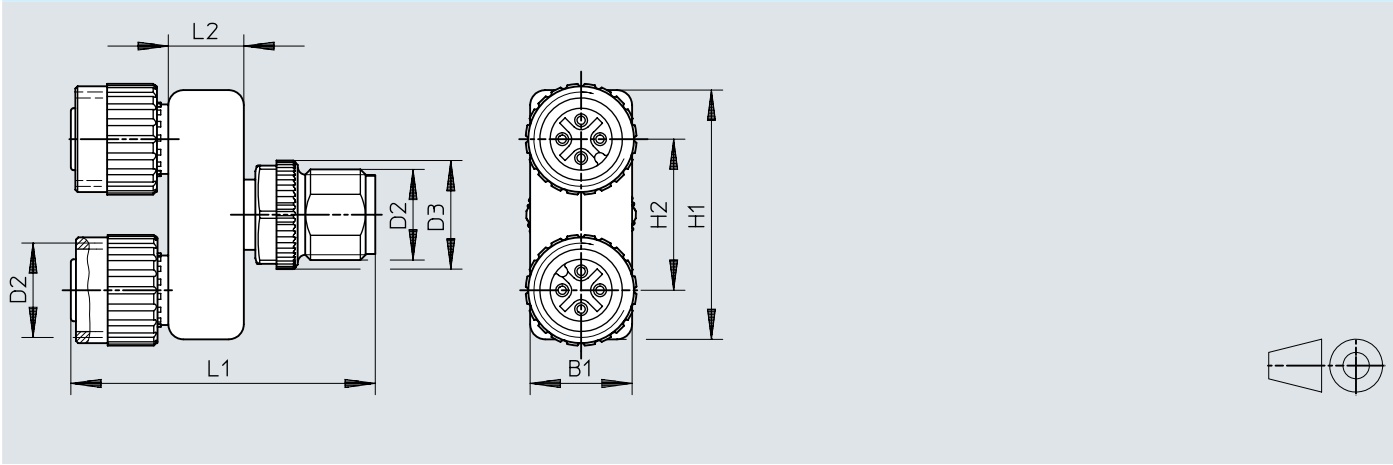
Download CAD data www.festo.com



	B1	B2	D1	D2	D3	D4	D5	H1	H2	H3	L1	L2	≈ 1
NEDU-L2R1-V8	15	8,3	15	M12	15	M12	4,2	33,3	21	36	48,5	13,2	13

Dimensions

Dimensions – NEDU-M12D4-M12T4-IS Download CAD data www.festo.com

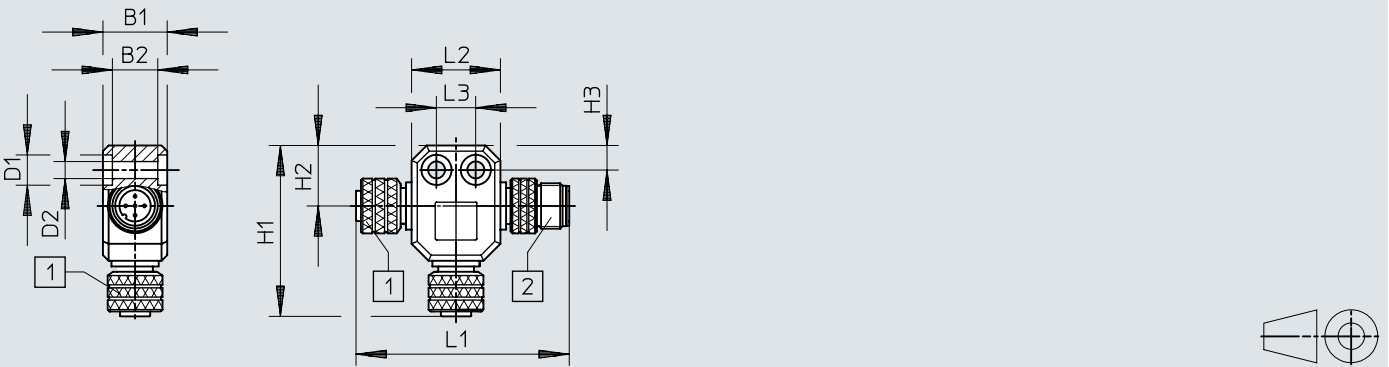


	B1	D1 Ø	D2	D3 Ø	H1	H2	L1	L2
NEDU-M12D4-M12T4-IS	13,5	14	M12	14,4	33	20	40,3	10

Dimensions

Dimensions – FB-TA

Download CAD data www.festo.com

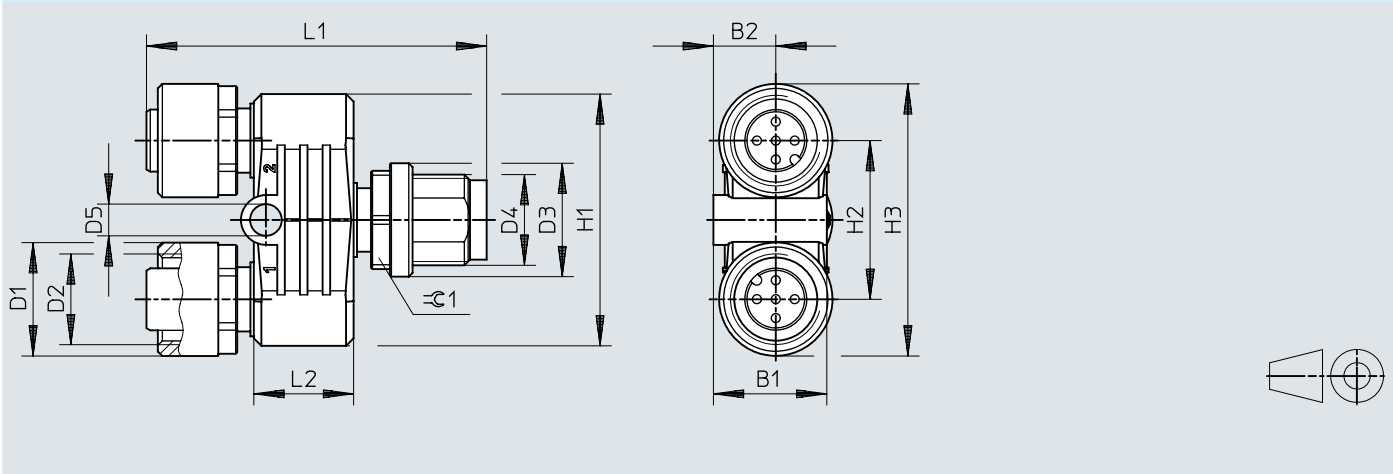


- [1] M12 socket, 5-pin
- [2] M12 plug, 5-pin

	B1	B2	D1	D2	H1	H2	H3	L1	L2	L3
FB-TA	17	12	8	4,5	45,2	16	6,5	57	23,5	10,4

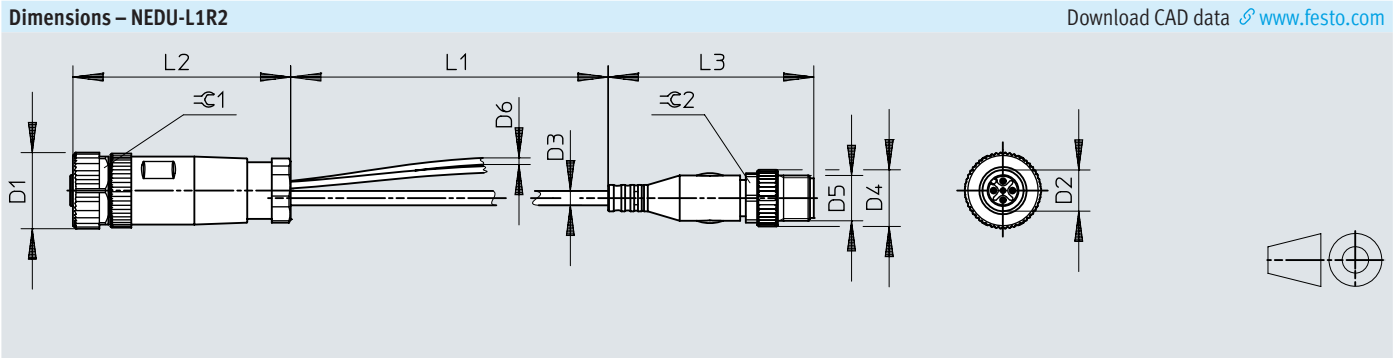
Dimensions

Dimensions – NEDU-L2R1-V10 Download CAD data www.festo.com



	B1	B2	D1	D2	D3	D4	D5	H1	H2	H3	L1	L2	⌀ 1
NEDU-L2R1-V10	15	8,3	15	M12	15	M12	4,2	33,3	21	36	45	13,2	13

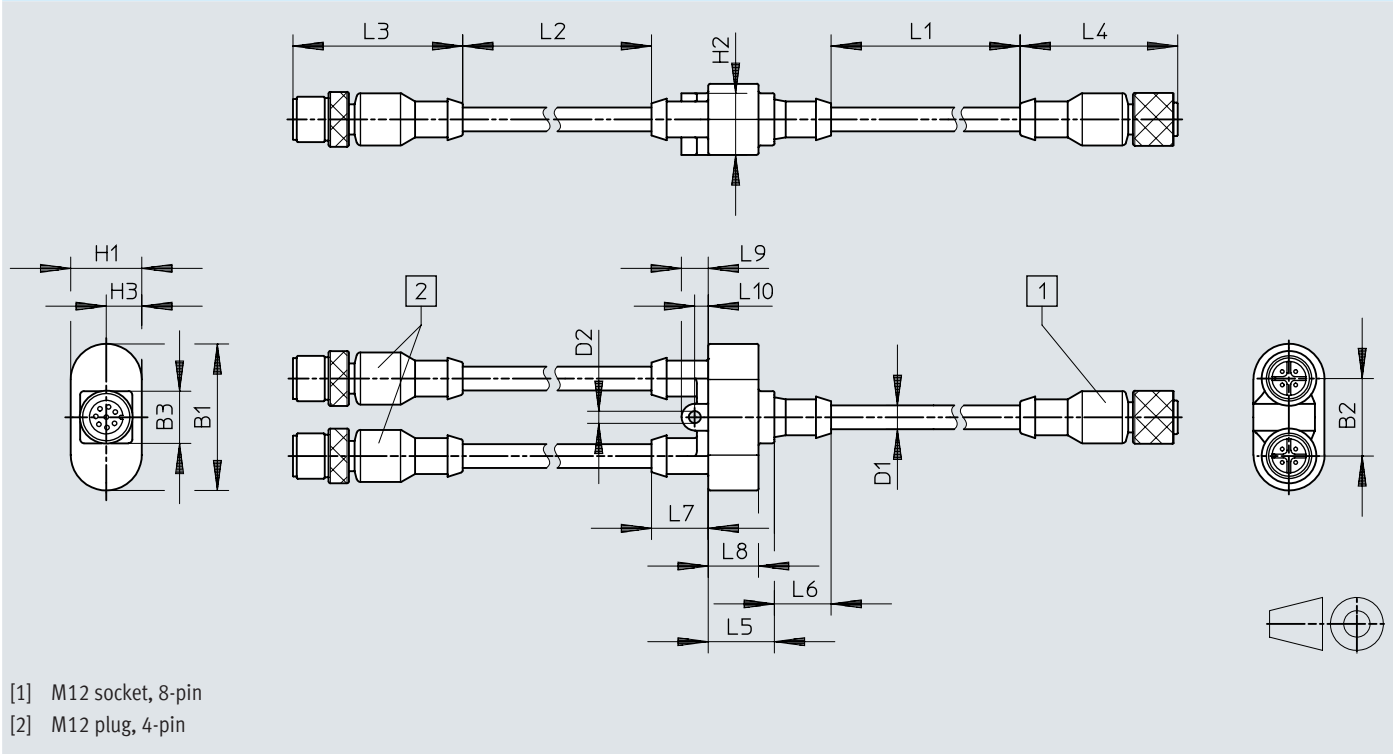
Dimensions



	D1	D2	D3	D4	D5	D6	L1	L2	L3	$\varnothing 1$	$\varnothing 2$
NEDU-L1R2	20,2	M12x1	3,8	15	M12x1	1,75	1000	54	54,5	18	13

Dimensions

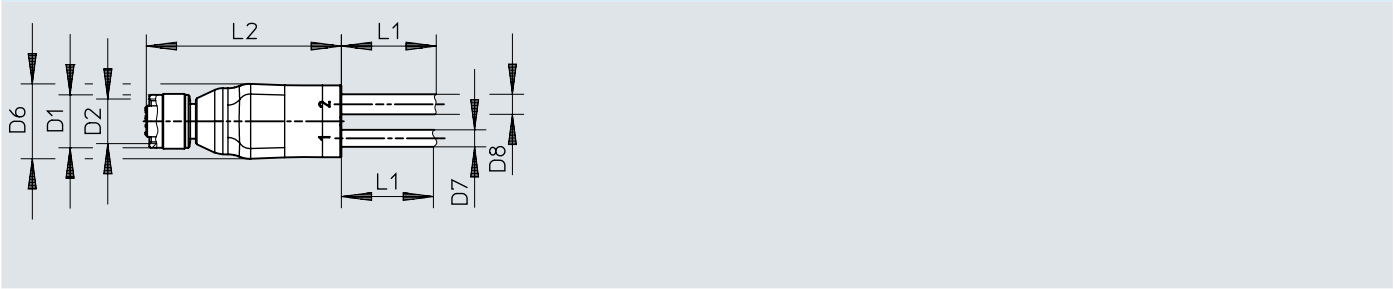
Dimensions – NEBV-M12G8 Download CAD data www.festo.com



	B1	B2	B3	D1	D2	H1	H2	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10
NEBV-M12G8	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

Dimensions

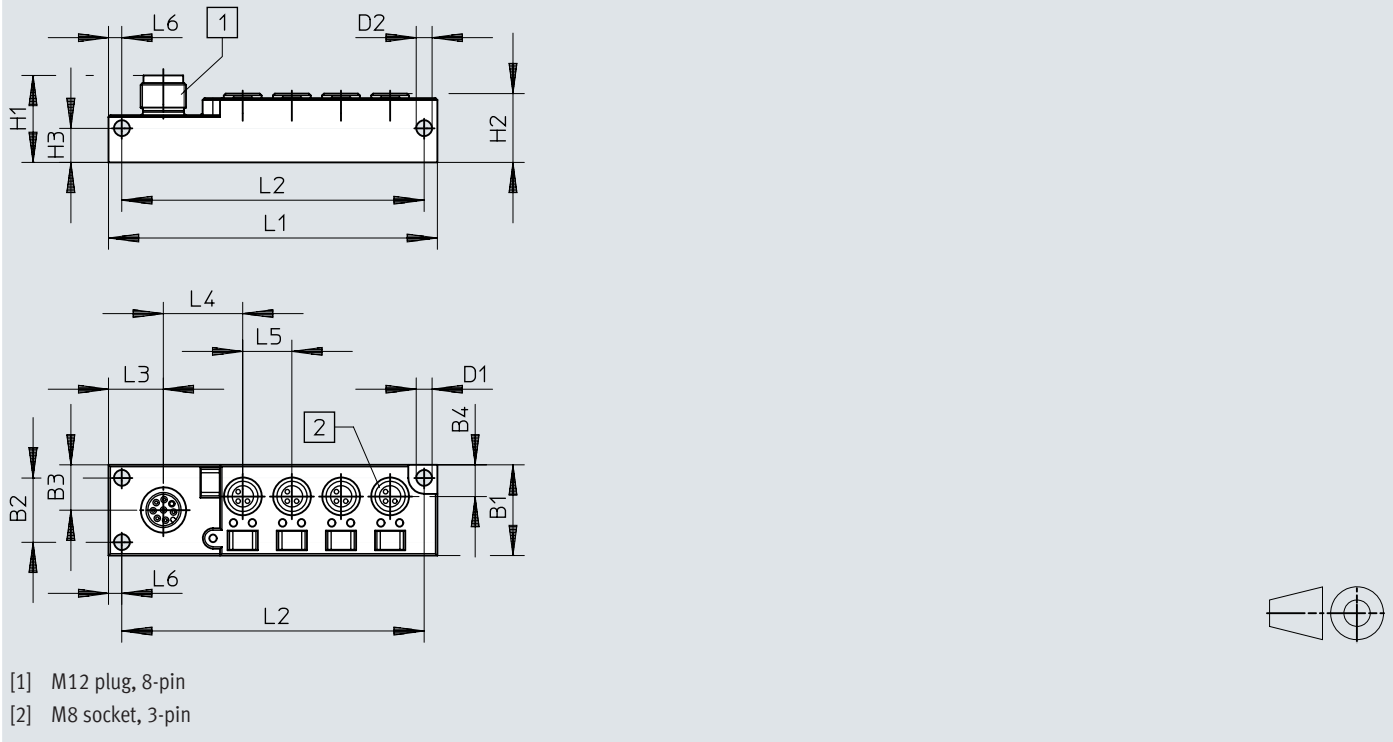
Dimensions – NEDU-L1R2-V9 [Download CAD data](#) www.festo.com



	D1	D2	D6	D7	D8	L1	L2
NEDU-L1R2-V9	14,5	M12	20	4,5	5,3	5000	51,6

Dimensions

Dimensions – Multi-pin plug distributor, M12 plug, 8-pin, socket M8, 3-pin Download CAD data www.festo.com

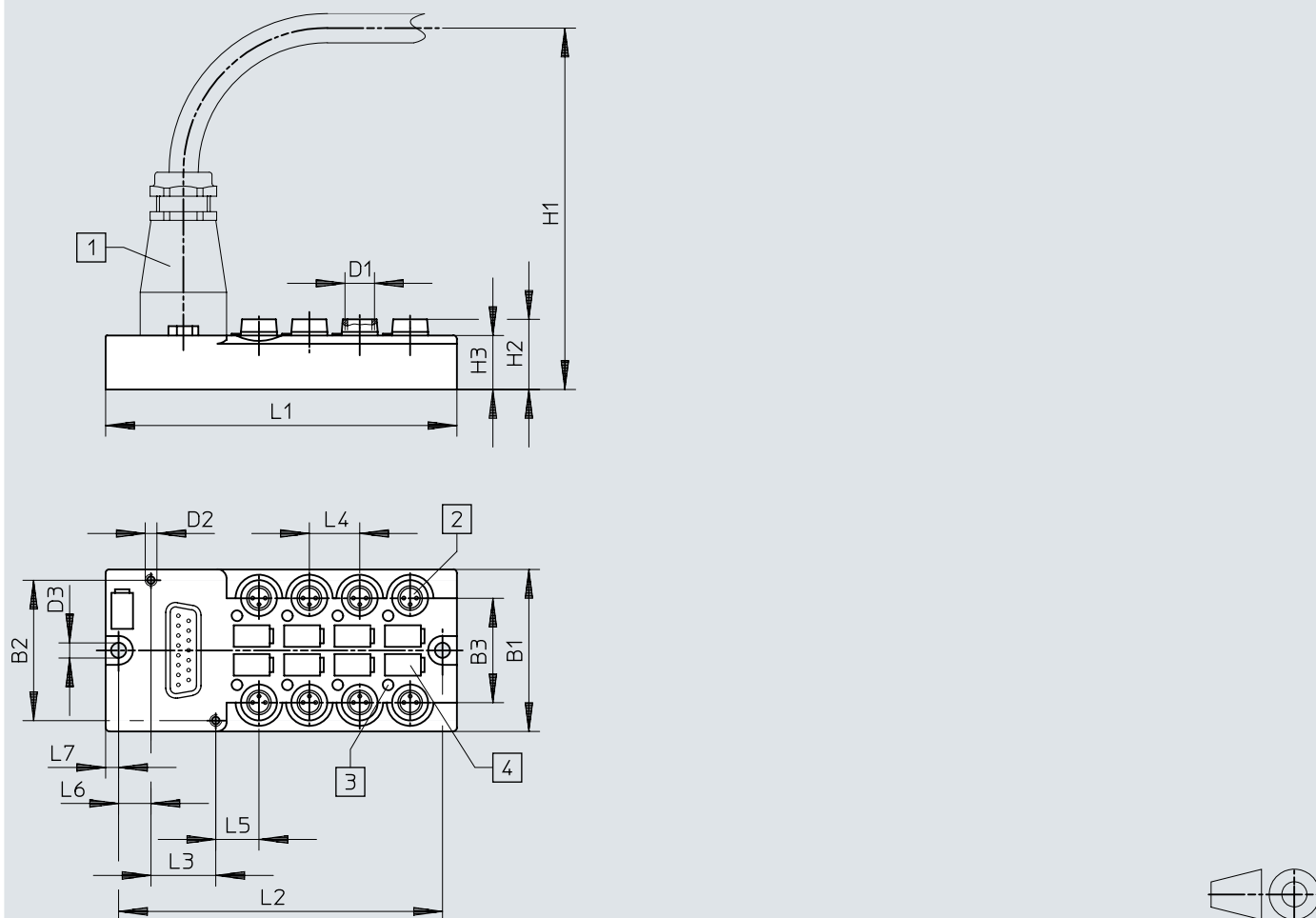


	B1	B2	B3	B4	D1 Ø	D2 Ø	H1	H2	H3	L1	L2	L3	L4	L5	L6
NEDU-L4R1-M8G3L-M12G8	24	17	12	8,4	4,2	4,2	23	18,2	9	87	80	14,5	21	13	3,5
NEDU-L6R1-M8G3L-M12G8										113	106				

Dimensions

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

Download CAD data www.festo.com



- [1] Connecting cable
- [2] M8 socket, 3-pin
- [3] Switching status indication
- [4] Inscription label

	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										126	118					

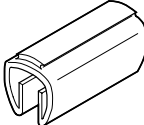
Ordering data

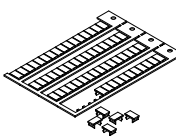
T-distributor					
	Number of pins/wires on the right	Number of pins/wires on the left	Degree of protection	Part no.	Type
	4	4	IP65	562248	NEDU-M12D4-M12T4-IS
	5	5	IP67	2839846	NEDU-L2R1-V8-M12G5-M12G5
				2839867	NEDU-L2R1-V10-M12G5-M12G5
			IP67	171175	FB-TA-M12-5POL

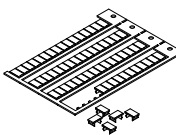
Y-distributor with cable						
	Electrical connection 2, connection type	Electrical connection 2, connector system	Number of pins/wires on the left	Degree of protection	Part no.	Type
	Cable	Open end	8	IP65 IP67	2903567	NEDU-L1R2-V9-M12G8-E-LE5-5R1-LE3-5R2
	Plugs	M12x1, A-coded to EN 61076-2-101	5	IP65 IP68 IP69K	8091516	NEDU-L1R2-M12G5-M12LE-1R
			8	IP67	547888	NEBV-M12G8-KD-3-M12G4
		RJ45	12	IP20 IP66 IP67	8155230	NEDU-L1R2-R3L1G12M22-5L1-1L2-P-N-R3U1G12

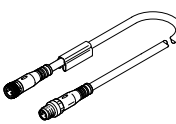
Multiple distributor/multi-pin plug distributor						
	Distributor type	Number of pins/wires on the left	Connection technology left, field device side	Degree of protection	Part no.	Type
	4 to 1	3	Socket M8x1 A-coded, EN 61076-2-104	IP68	574586	NEDU-L4R1-M8G3L-M12G8
	6 to 1				574587	NEDU-L6R1-M8G3L-M12G8
	8 to 1			IP65 In assembled state	177669	MPV-E/A08-M8
	12 to 1				177670	MPV-E/A12-M8

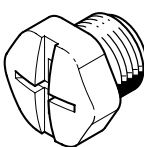
Accessories

Inscription label KM-BZ				
	Description	Size	Part no.	Type
	For attaching to a cable with diameter 5 ... 8 mm	20x5.2 mm	33361	KM-BZ

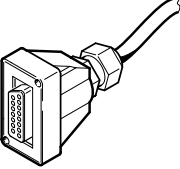
Inscription label ASLR				
	Size	Material label	Part no.	Type
	5x5 mm	PA	574590	ASLR-L-55

Inscription label IBS			
	Description	Part no.	Type
	Inscription labels 6x10 mm, 64 pieces, in frames	18576	IBS-6X10

Connecting cable					
	Electrical connection 1, connection type	Electrical connection 2, connector system	Cable length	Part no.	Type
	Socket Cable	M12x1, A-coded to EN 61076-2-101 M8x1, A-coded to EN 61076-2-104 Open end	0.3 ... 30 m	8078221	NEBA-
	Socket	Open end	2 m	525616	SIM-M12-8GD-2-PU
			5 m	525618	SIM-M12-8GD-5-PU
			10 m	570008	SIM-M12-8GD-10-PU

Cover cap				
	Connection technology 1	Size of pack	Part no.	Type
	M8x1, A-coded to EN 61076-2-104	10	177672	ISK-M8

Accessories

Multi-pin plug connection				
	Connection technology right, control- ler side	Connection technology left, field de- vice side	Part no.	Type
	Crimp contacts	Sub-D socket	177675	SD-SUB-D-BU15
	Open end		177673	KMPV-SUB-D-15-5
			177674	KMPV-SUB-D-15-10