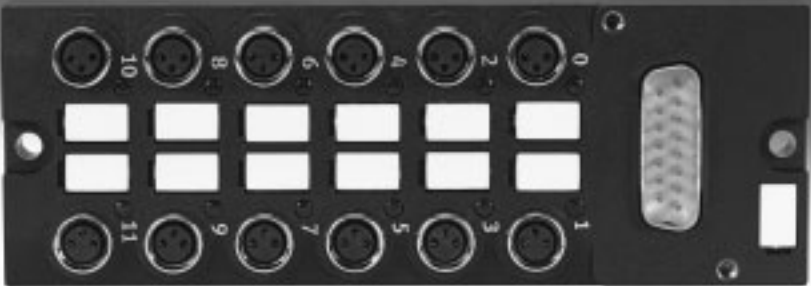


Distributor, universal

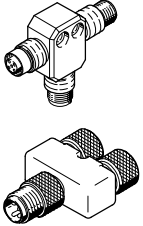
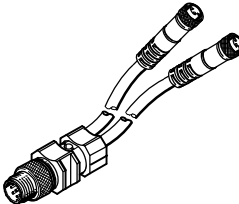
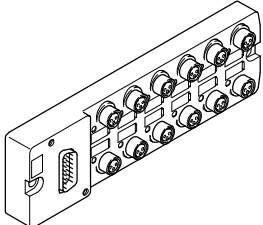
FESTO



Distributor, universal

Product range overview

FESTO

| Function | Version | Version | Type | Connection technology | Protection class | → Page/ Internet |
|--|--|-----------------------|---------------------------|--|------------------|---------------------|
| T-distributor |  | Round plug M12 | | | | |
| | | 3-pin | NEDU-L2R1-V8-M12G5-M12G5 | 1x socket M12, 5-pin 1x plug M12, 2-pin | IP65, IP67 | 3 |
| | | 4-pin | NEDU-M12D4-M12T4-IS | 2x socket M12, 4-pin | IP65, IP67 | 5 |
| | | 5-pin | FB-TA-M12 | 2x socket M12, 5-pin | IP67 | 7 |
| | | | NEDU-L2R1-V10-M12G5-M12G5 | 2x socket M12, 5-pin | IP65, IP67 | 7 |
| Y-distributor with cable |  | Socket M12 | | | | |
| | | 8-pin | NEBV-M12G8-KD-3-M12G4 | 2x plug M12, 4-pin | IP67 | 9 |
| | | | NEDU-L1R2-V9-M12G8-... | 2x open cable end | IP65, IP67 | 9 |
| Multiple distributor/ multi-pin plug distributor |  | Round plug M12 | | | | |
| | | 8-pin | NEDU-L4R1-M8G3L-M12G8 | 4x socket M8, 3-pin | IP68 | 13 |
| | | | NEDU-L6R1-M8G3L-M12G8 | 6x socket M8, 3-pin | IP68 | 13 |
| | | Plug Sub-D | | | | |
| | | 15-pin | MPV-E/A08-M8 | 8x socket M8, 3-pin | IP65 | 16 |
| | | | MPV-E/A12-M8 | 12x socket M8, 3-pin | IP65 | 16 |

T-distributor, plug M12, 4-pin

Technical data

FESTO

Push-in T-connector NEDU-L2R1-V8

- T-adapter
- For IO-Link



| General technical data | | |
|------------------------------|--------|--------------------------------------|
| Electrical connection 3 | | Straight plug, M12, 3-pin, A-coded |
| Electrical connection 1 | | Straight socket, M12, 5-pin, A-coded |
| Electrical connection 2 | | Straight plug, M12, 2-pin, A-coded |
| Type of mounting | | Screw-in |
| Max. tightening torque | [Nm] | 0.6 |
| Operating voltage range | [V DC] | 0 ... 30 |
| Surge strength | [kV] | 1.5 |
| Acceptable current load | [A] | 4 |
| Protection class to EN 60529 | | IP65, IP67, in assembled state |
| Product weight | [g] | 28 |

| Materials | |
|-------------------|------------------------------|
| Housing | TPE-U(PUR) |
| Housing colour | Black |
| Union nut | Die-cast zinc, nickel plated |
| Seals | FPM |
| Pin contacts | Gold-plated copper alloy |
| Note on materials | RoHS-compliant |

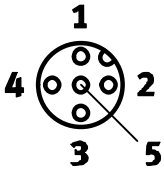
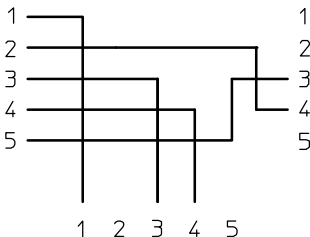
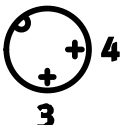
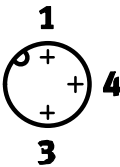
| Operating and environmental conditions | |
|--|------------------|
| Ambient temperature | [°C] -25 ... +85 |
| Corrosion resistance class CRC ¹⁾ | 2 |
| Degree of contamination | 3 |

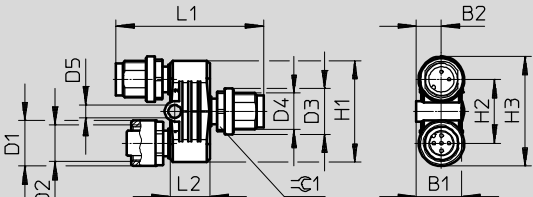
- 1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

T-distributor, plug M12, 4-pin

Technical data

FESTO

| Circuitry (socket/plug view) | | |
|---|---|---|
| Socket | Circuitry | Socket |
|  |  |  |
| |  | |

| Dimensions | Download CAD data → www.festo.com |
|--|--|
|  | |

| Type | 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 |

| Ordering data | | | |
|-------------------------|--|--------------------|---|
| Electrical connection | | Product weight [g] | Part No. Type |
| Plug M12 A-coded, 3-pin | 1x socket M12 A-coded, 5-pin 1x plug M12 A-coded, 2-pin | 28 | 2839846 NEDU-L2R1-V8-M12G5-M12G5 |

T-distributor, plug M12, 4-pin

Technical data



Push-in T-connector NEDU-M

- T-adapter



| General technical data | |
|------------------------------|-----------------|
| Type of mounting | Screw-in |
| Connection frequency | 100 |
| Operating voltage range | [V DC] 0 ... 30 |
| Protection class to EN 60529 | IP65, IP67 |
| Based on standard | EN 61076-2-101 |
| Max. tightening torque | [Nm] 0.5 |
| Product weight | [g] 25.5 |

| Materials | |
|-------------------|---------------------------------------|
| Type | NEDU-M12D4-M12T4-IS |
| Housing | Reinforced TPE-U(PU) Die-cast zinc |
| Pin contacts | Gold-plated copper alloy |
| Union nut | PA reinforced |
| Seals | FPM |
| Note on materials | RoHS-compliant |

| Operating and environmental conditions | |
|--|------------------|
| Ambient temperature | [°C] -25 ... +85 |
| Corrosion resistance class CRC | 3 ¹⁾ |

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.

| Circuitry (socket/plug view) | | |
|------------------------------|-----------|--------|
| Socket | Circuitry | Socket |
| | | |

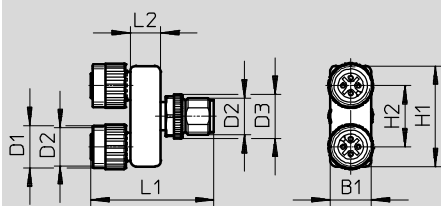
T-distributor, plug M12, 4-pin

Technical data

FESTO

Dimensions

Download CAD data → www.festo.com



| Type | 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 |

Ordering data

| Electrical connection | | Part No. | Type |
|--------------------------|-------------------------------|---------------|----------------------------|
| Plug M12, A-coded, 4-pin | 2x socket M12, A-coded, 4-pin | 562248 | NEDU-M12D4-M12T4-IS |

T-distributor, plug M12, 5-pin

Technical data

FESTO

T-adapter

FB-TA

NEDU-L2R1-V10

- 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 | FB-TA | NEDU-L2R1-V10 |
| Electrical connection 3 | Plug, M12, 5-pin | Straight plug, M12, 5-pin, A-coded |
| Electrical connection 1 | Socket, M12, 5-pin | Straight socket, M12, 5-pin, A-coded |
| Electrical connection 2 | Socket, M12, 5-pin | Straight socket, M12, 5-pin, A-coded |
| Type of mounting | Via through-hole | Screw-in |
| Max. tightening torque [Nm] | – | 0.6 |
| Operating voltage range [V DC] | 10 ... 30 | 0 ... 30 |
| Surge strength [kV] | – | 1.5 |
| Acceptable current load [A] | 4 | 4 |
| Protection class to EN 60529 | IP67, in assembled state | IP65, IP67, in assembled state |

| Materials | | |
|-------------------|-------|------------------------------|
| Type | FB-TA | NEDU-L2R1-V10 |
| Housing | – | TPE-U(PUR) |
| Housing colour | – | Black |
| Union nut | – | Die-cast zinc, nickel plated |
| Seals | – | FPM |
| Pin contacts | – | Gold-plated copper alloy |
| Note on materials | – | RoHS-compliant |

| Operating and environmental conditions | | |
|--|-------------|---------------|
| Type | FB-TA | NEDU-L2R1-V10 |
| Ambient temperature [°C] | –25 ... +90 | –25 ... +85 |
| Corrosion resistance class CRC ¹⁾ | – | 2 |
| Degree of contamination | – | 3 |

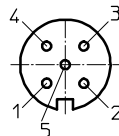
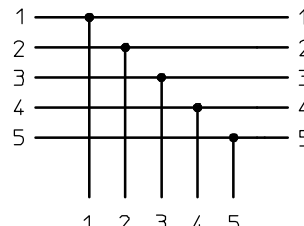
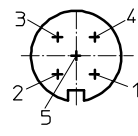
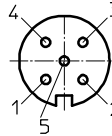
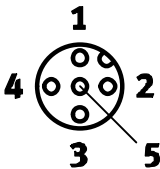
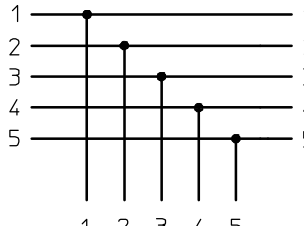
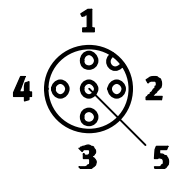
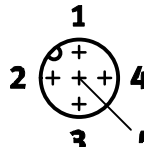
1) Corrosion resistance class 2 according to Festo standard 940 070

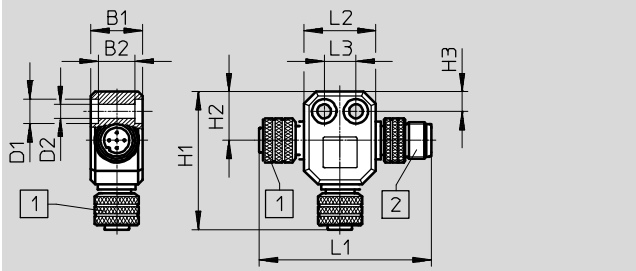
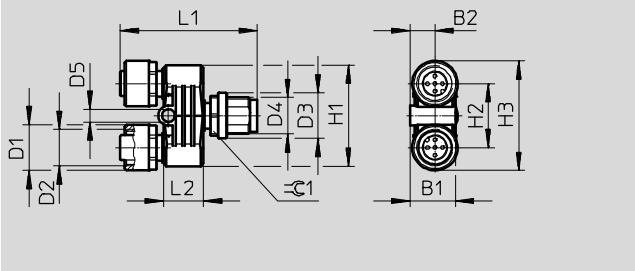
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

T-distributor, plug M12, 5-pin

Technical data

FESTO

| Circuitry (socket/plug view) | | |
|--|---|--|
| | Circuitry | |
| FB-TA | | |
|  |  |  |
| |  | |
| NEDU-L2R1-V10 | | |
|  |  |  |
| |  | |

| Dimensions | | Download CAD data → www.festo.com |
|---|--|--|
| FB-TA | | NEDU-L2R1-V10 |
|  | |  |
| <p>1 Socket M12, 5-pin</p> <p>2 Plug M12, 5-pin</p> | | |

| Type | B1 | B2 | D1 | D2 | D3 | D4 | D5 | H1 | H2 | H3 | L1 | L2 | L3 | ≈ 1 |
|---------------|----|-----|----|-----|----|-----|-----|------|----|-----|----|------|------|-----|
| FB-TA | 17 | 12 | 8 | 4.5 | – | – | – | 45.2 | 16 | 6.5 | 57 | 23.5 | 10.4 | – |
| NEDU-L2R1-V10 | 15 | 8.3 | 15 | M12 | 15 | M12 | 4.2 | 33.3 | 21 | 36 | 45 | 13.2 | – | 13 |

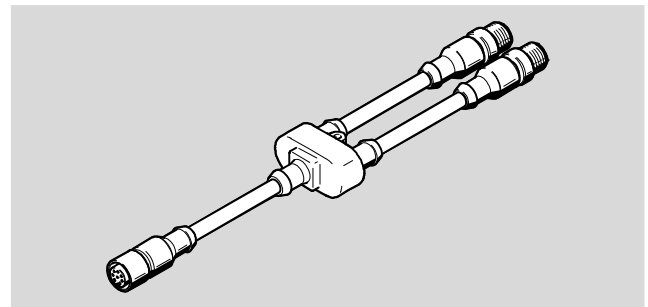
| Ordering data | | Product weight [g] | Part No. | Type |
|-----------------------|-----------------------|--------------------|----------|---------------------------|
| Electrical connection | | | | |
| Plug M12, 5 pin | 2x socket, M12, 5-pin | – | 171175 | FB-TA-M12-5POL |
| | | 25 | 2839867 | NEDU-L2R1-V10-M12G5-M12G5 |

Y-distributors with cable, M12 socket, 8-pin

Technical data

Connecting cable NEBV-M12G8
DUO cable NEDU-L1R2-V9

- Y-distributor
- For proportional pressure regulators



| General technical data | | |
|------------------------|--|--|
| Type | NEBV-M12G8 | NEDU-L1R2-V9 |
| Design | Y-distributor with cables on both sides | Y-distributor with cable on field device and controller sides |
| Distributor type | 1 to 2 | 1 to 2 |
| Type of mounting | Via through-hole for M3 screw | – |
| Cable identification | Without inscription label holder | Without inscription label holder |
| Based on standard | – | EN 61076-2-101 |
| Conforms to standard | DIN 47100, EN 61076-2-101 | – |
| Additional functions | Distribution of the analogue inputs and outputs of a proportional pressure regulator | Connection of sensor and controller to proportional pressure regulator |

| Technical data – Electrical connection 1 | | |
|--|----------------------------------|--------------|
| Type | NEBV-M12G8 | NEDU-L1R2-V9 |
| Function | Field device side | |
| Connection type | Socket | |
| Cable outlet | Straight | |
| Design | Round | |
| Connection technology | M12x1, A-coded to EN 61076-2-101 | |
| Number of pins/wires | 8 | |
| Assigned pins/wires | 5 | 6 |
| Type of mounting | Screw lock | |

| Technical data – Electrical connection 2 | | |
|--|----------------------------------|--------------|
| Type | NEBV-M12G8 | NEDU-L1R2-V9 |
| Function | Controller side | |
| Connection type | Plug connector | Cable |
| Cable outlet | Straight | – |
| Design | Round | – |
| Connection technology | M12x1, A-coded to EN 61076-2-101 | Open end |
| Number of pins/wires | 4 | 5 |
| Assigned pins/wires | 4 | 5 |
| Type of mounting | Screw lock | – |

| Technical data – Electrical connection 3 | | |
|--|----------------------------------|-------------------|
| Type | NEBV-M12G8 | NEDU-L1R2-V9 |
| Function | Controller side | Field device side |
| Connection type | Plug connector | Cable |
| Cable outlet | Straight | – |
| Design | Round | – |
| Connection technology | M12x1, A-coded to EN 61076-2-101 | Open end |
| Number of pins/wires | 4 | 3 |
| Assigned pins/wires | 3 | 3 |
| Type of mounting | Screw lock | – |

Y-distributors with cable, M12 socket, 8-pin

FESTO

Technical data

| Technical data – Electrical | | |
|-----------------------------|--------|----------|
| Operating voltage range | [V DC] | 0 ... 30 |
| | [V AC] | 0 ... 30 |
| Surge resistance | [kV] | 0.8 |
| Current rating at 40°C | [A] | 2 |

| Technical data – Cables | | | |
|---|--------------------|------------|--------------|
| Type | | NEBV-M12G8 | NEDU-L1R2-V9 |
| Cable diameter 1 | [mm] | 6.3 | 5.3 |
| Cable diameter 2 | [mm] | 6.3 | 4.5 |
| Cable diameter tolerance | [mm] | ±0.2 | – |
| Cable design | [mm ²] | 8x0.25 | 3x0.25 |
| | | – | 5x0.25 |
| Nominal conductor cross section | [mm ²] | 0.25 | 0.25 |
| Cable characteristic | | Standard | – |
| Bending radius, fixed cable installation | [mm] | ≥33 | – |
| Bending radius, flexible cable installation | [mm] | ≥66 | – |

| Materials | | |
|---------------------|-------------------------------------|---------------------|
| Type | NEBV-M12G8 | NEDU-L1R2-V9 |
| Housing | TPE-U (PUR) | TPE-U (PUR) |
| Housing colour | Black | Black |
| Screw lock | Nickel-plated brass | Nickel-plated brass |
| Seals | NBR | NBR |
| Pin contacts | Nickel-plated and gold-plated brass | Gold-plated brass |
| Cable sheath | TPE-U (PUR) | TPE-U (PUR) |
| Cable sheath colour | Grey | Grey |
| Insulating sheath | PP | PVC |
| Note on materials | RoHS compliant | RoHS compliant |
| | Halogen-free | – |

| Operating and environmental conditions | | |
|--|------------------|------------------|
| Type | NEBV-M12G8 | NEDU-L1R2-V9 |
| Ambient temperature | [°C] | –25 ... +80 |
| Ambient temperature with flexible cable installation | [°C] | –5 ... +80 |
| Degree of protection | IP67 | IP65, IP67 |
| Note on degree of protection | In mounted state | In mounted state |
| Corrosion resistance class CRC ¹⁾ | 2 | |
| Contamination level | 3 | |

- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Y-distributors with cable, M12 socket, 8-pin

Technical data



| Circuitry (socket/plug view) – NEBV-M12G8 | | |
|---|---|-------------------------|
| Electrical connection 3 | Circuitry | Electrical connection 3 |
| | <div><div>A (AI module)</div><div>B (AO module)</div><div>C</div></div> | |

| Circuitry (socket/plug view) – NEDU-L1R2-V9 | | | | |
|---|-----|-----------|-------------------------|---------------------------|
| Electrical connection 3 | | Circuitry | Electrical connection 2 | |
| Wire colour ¹⁾ | No. | | No. | Wire colour ¹⁾ |
| WH | 1 | | 1 | BN |
| BU | 2 | | 2 | BU |
| BN | 3 | | 3 | BK |
| BK | 4 | | | |
| GY | 5 | | | |
| | | | | |

1) To IEC 757

Y-distributors with cable, M12 socket, 8-pin

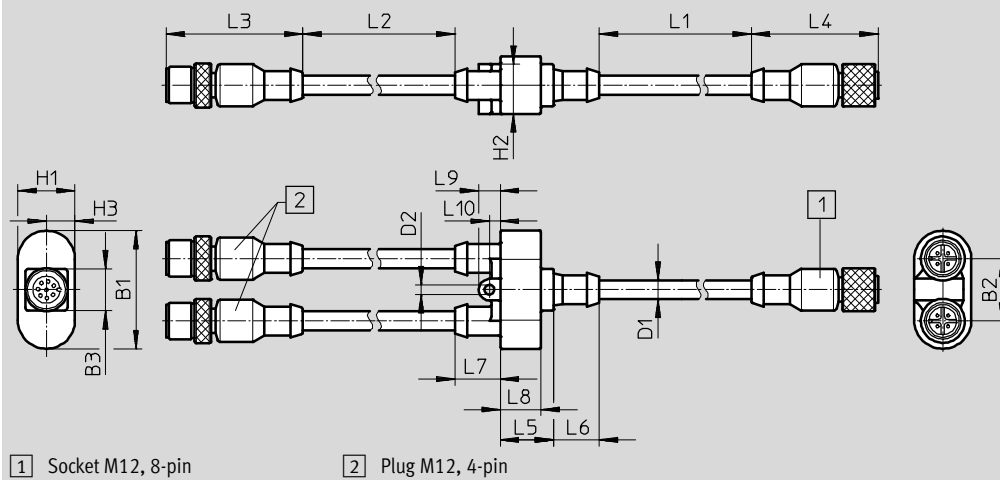
FESTO

Technical data

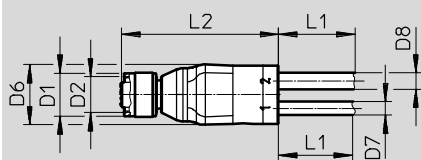
Dimensions

Download CAD data → www.festo.com

NEBV-M12G8



NEDU-L1R2-V9



| Type | B1 | B2 | B3 | D1 | D2 | D6 | D7 | D8 | 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 |
| NEDU-L1R2-V9 | – | – | – | 14.5 | M12 | 20 | 4.5 | 5.3 | – | – | – | 5000 | 51.6 | – | – | – | – | – | – | – | – |

Ordering data

| Electrical connection | | Product weight [g] | Part No. | Type |
|-----------------------|--|--------------------|----------|--------------------------------------|
| M12 socket, 8-pin | <ul style="list-style-type: none"> Plug connector M12, 4-pin Plug connector M12, 4-pin | – | 547888 | NEBV-M12G8-KD-3-M12G4 |
| M12 socket, 8-pin | <ul style="list-style-type: none"> Open cable end, 3-wire Open cable end, 5-wire | 377 | 2903567 | NEDU-L1R2-V9-M12G8-E-LE5-5R1-LE3-5R2 |

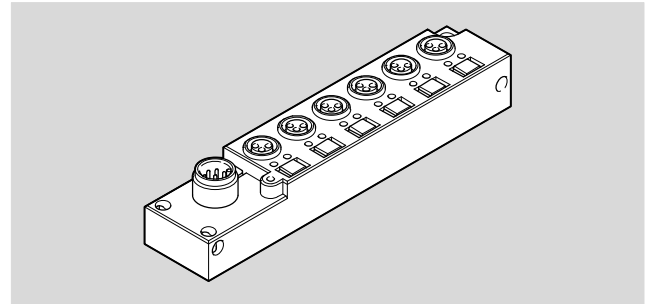
Multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

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 [V DC] | 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 |
| Note on materials | RoHS-compliant |

| Operating and environmental conditions | |
|--|-------------|
| Ambient temperature [°C] | −20 ... +80 |
| Corrosion resistance class CRC ¹⁾ | 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.

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

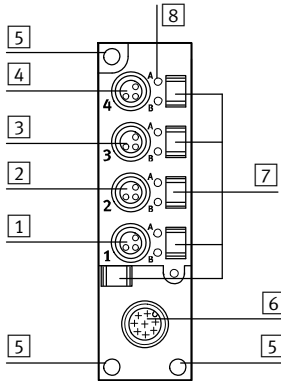
Technical data

FESTO

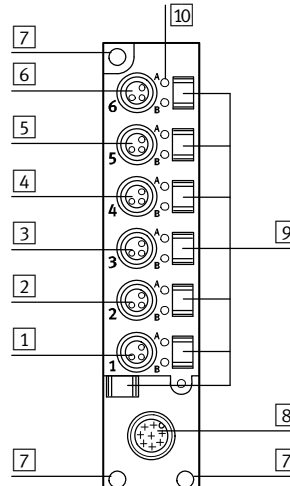
Connection and display components

NEDU-L4R1-M8G3L-M12G8

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 Mounting holes
- 6 Multi-pin plug connection
- 7 Holder for inscription label (ASLR-L-55)
- 8 LED for status display



- 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 | |

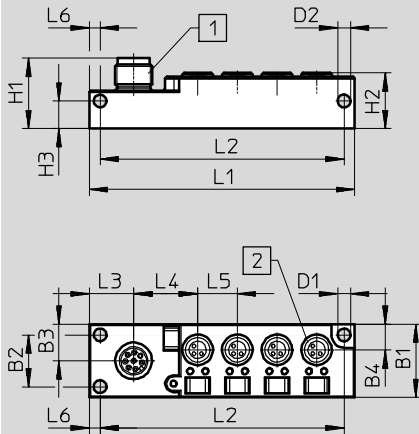
Multi-pin plug distributor, plug M12, 8-pin, socket M8, 3-pin

Technical data

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Dimensions

Download CAD data → www.festo.com



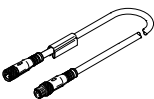


- 1 Plug M12, 8-pin
- 2 Socket M8, 3-pin

| 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 |
| 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 | [V DC] | 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

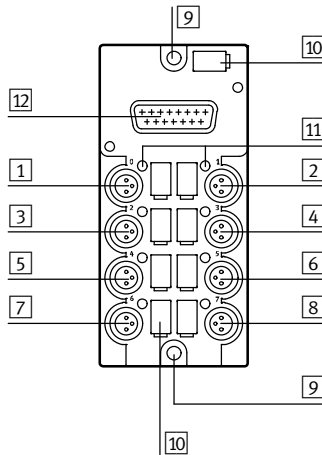
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Technical data

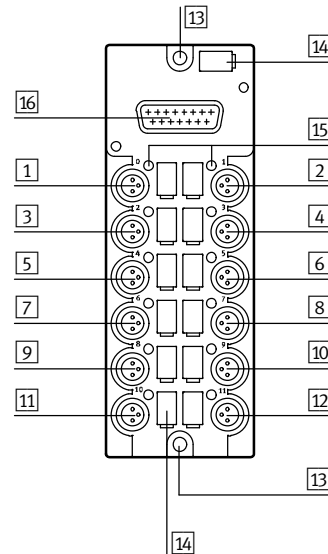
Connection and display components

MPV-E/A08-M8

MPV-E/A12-M8

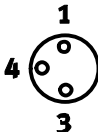
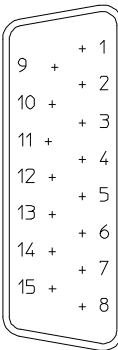
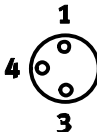


- 1 Sensor connection, location 1
- 2 Sensor connection, location 2
- 3 Sensor connection, location 3
- 4 Sensor connection, location 4
- 5 Sensor connection, location 5
- 6 Sensor connection, location 6
- 7 Sensor connection, location 7
- 8 Sensor connection, location 8
- 9 Mounting holes
- 10 Holder 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 | | |
|---|---------------|-----|---------------------|-------|---|-------|---------------------|------------|----|---|---------------|--|
| | Loca- tion | Pin | | Pin | | | Pin | | | Pin | Loca- tion | |
|  | 1 | 1 | 24 DC V | 13 |  | 13 | 24 DC V | 1 | 2 |  | | |
| | | 3 | 0 V | 14/15 | | 14/15 | 0 V | 3 | | | | |
| | | 4 | Input ₁ | 1 | | 2 | Input ₂ | 4 | | | | |
| | 3 | 1 | 24 DC V | 13 | | 13 | 24 DC V | 1 | 4 | | | |
| | | 3 | 0 V | 14/15 | | 14/15 | 0 V | 3 | | | | |
| | | 4 | Input ₃ | 3 | | 4 | Input ₄ | 4 | | | | |
| | 5 | 1 | 24 DC V | 13 | | 13 | 24 DC V | 1 | 6 | | | |
| | | 3 | 0 V | 14/15 | | 14/15 | 0 V | 3 | | | | |
| | | 4 | Input ₅ | 5 | | 6 | Input ₆ | 4 | | | | |
| | 7 | 1 | 24 DC V | 13 | | 13 | 24 DC V | 1 | 8 | | | |
| | | 3 | 0 V | 14/15 | | 14/15 | 0 V | 3 | | | | |
| | | 4 | Input ₇ | 7 | | 8 | Input ₈ | 4 | | | | |
| | 9 | 1 | 24 DC V | 13 | | 13 | 24 DC V | 1 | 10 | | | |
| | | 3 | 0 V | 14/15 | | 14/15 | 0 V | 3 | | | | |
| | | 4 | Input ₉ | 9 | | 10 | Input ₁₀ | 4 | | | | |
| | 11 | 1 | 24 DC V | 13 | | 13 | 24 DC V | 1 | 12 | | | |
| | | 3 | 0 V | 14/15 | | 14/15 | 0 V | 3 | | | | |
| | | 4 | Input ₁₁ | 11 | | 12 | Input ₁₂ | 4 | | | | |

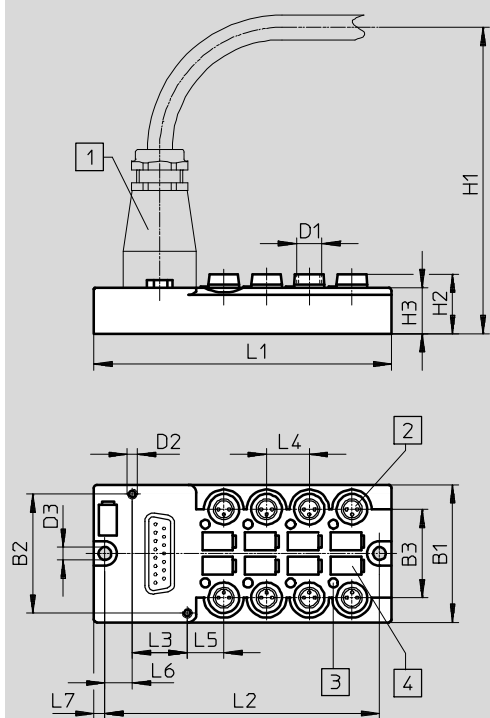
Multi-pin plug distributor, plug Sub-D, 15-pin, socket M8, 3-pin

Technical data

FESTO

Dimensions

Download CAD data → www.festo.com



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

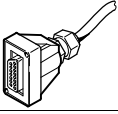
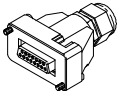

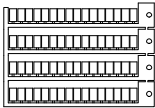
| Type | B1 | B2 | B3 | D1 | D2 | D3 Ø | H1 | H2 | H3 | L1 | L2 | L3 | L4 | L5 | L6 | L7 |
|--------------|----|----|----|----|----|---------|-----|------|----|-----|-----|----|----|----|----|----|
| MPV-E/A08-M8 | 45 | 39 | 29 | M8 | M3 | 4.2 | 126 | 19.5 | 15 | 98 | 90 | 18 | 14 | 12 | 9 | 4 |
| MPV-E/A12-M8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

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Accessories

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

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