

Splitter & Junction Box

Splitter
Junction
Splitter

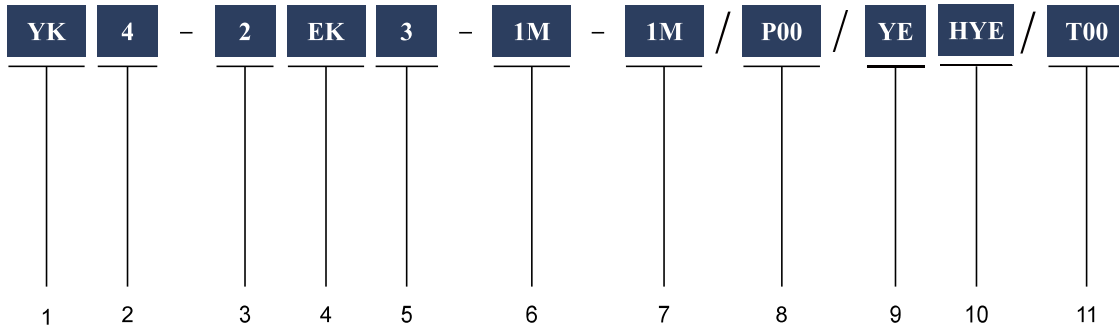


Junction



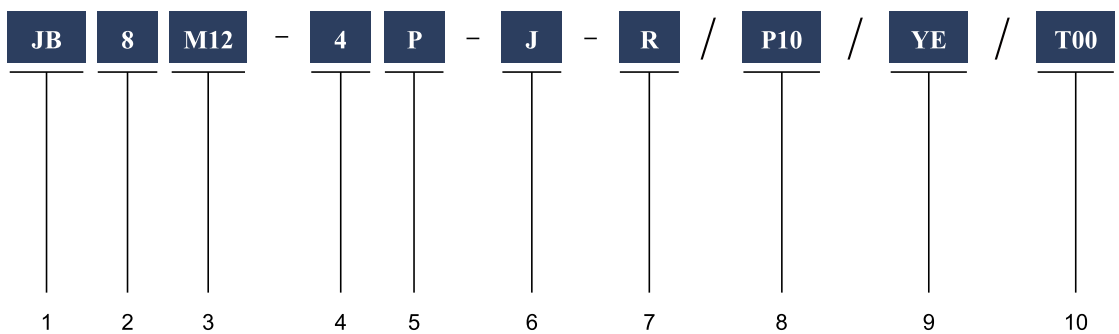
Splitter
Junction

Splitter



- 1 YZ Compact type Male M12x1
YK Compact type Female M12x1
YSZ Compact type Male M8x1
YSK Compact type Female M8x1
YWZ Wide type Male M12x1
YWK Wide type Female M12x1
YVZ Narrow type Male M12x1
YVK Narrow type Female M12x1
- 2 Number of pins
Contact distribution
- 3 Branch connection number
Blank Adapter
- 4 EK M12x1 Female
EZ M12x1 Male
SK M8x1 Female
SZ M8x1 Male
- 5 Number of pins
Contact distribution
- 6 Branch1 length [m]
- 7 Branch2 length [m]
- 8 Cable code
As with M12 I/O type cable code
- 9 Color of cable
Blank Standard black
YE Yellow (Customization)
GY Gray (Customization)
- 10 Color of plug body
Blank Standard black
HYE Plug body yellow (Customization)
HBU Plug body blue (Customization)
- 11 Varieties

Junction box



- 1 JB Standard Junction box
JBW Wide type Junction box
- 2 Port number
4 4 ports
6 6 ports
8 8 ports
- 3 Port link type
M8,M12
- 4 Number of pins
Contact distribution
- 5 LED Options
Blank No LED
P PNP
N NPN
- 6 Connection Type
J Terminal connection
D2 Cable connection 2m
Blank
M23 Horizontal connection
T M23 vertical connection
M12 M12 vertical connection
M16 M16 vertical connection
- 7 Each port signal number (R,Dual signal)
- 8 Straight cable outlet material
Blank P00(PVC)
P10 PUR
- 9 straight cable outlet color
Blank Black
YE Yellow
GY Gray
- 10 Varieties

M8/M12 2-Branch Compact Splitters

- Housing material: Oil resistant PUR material , Black
- Coupling nut: Brass/Nickel
- Contact carrier: TPU/Black
- Pin: Brass/Gold
- O-ring: FPM/FKM
- IP degree: IP67
- Temperature range: -30...+90°C
- Mechanical operation: ≥100



| Connector type | Type NO. | ID NO. | Circuit diagram |
|----------------|---|----------------------------------|-----------------|
| | YSK4-2SZ3-2M-2M/P00 YSK4-2SZ3-5M-5M/P00 YSK4-2SZ3-10M-10M/P00 | 10014600 10084620 10084621 | |
| | YSZ4-2SK3-2M-2M/P00 YSZ4-2SK3-5M-5M/P00 YSZ4-2SK3-10M-10M/P00 | 10014610 10084622 10084623 | |
| | YK4-2EZ3-2M-2M/P00 YK4-2EZ3-5M-5M/P00 YK4-2EZ3-10M-10M/P00 | 10014000 10014181 10014606 | |
| | YK4-2SZ3-2M-2M/P00 YK4-2SZ3-5M-5M/P00 YK4-2SZ3-10M-10M/P00 | 10014010 10014607 10014608 | |
| | YZ4-2EK3-2M-2M/P00 YZ4-2EK3-5M-5M/P00 YZ4-2EK3-10M-10M/P00 | 10014020 10014021 10014022 | |
| | YZ4-2SK3-2M-2M/P00 YZ4-2SK3-5M-5M/P00 YZ4-2SK3-10M-10M/P00 | 10014030 10014609 10014611 | |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 2-Branch Splitters

- Housing material: Oil resistant PUR material , Black
- Coupling nut: Brass/Nickel
- Contact carrier: TPU/Black
- Pin: Brass/Gold
- O-ring: FPM/FKM
- IP degree: IP67
- Temperature range: -30...+90°C
- Mechanical operation: ≥100



| Connector type | Type NO. | ID NO. | Circuit diagram |
|-------------------------|---|---|-----------------|
| <p>Ø15 coupling nut</p> | <p>YWZ4-2EK3 Black YWZ4-2EK3/HBU Blue YWZ4-2EK3/HYE Yellow</p> | <p>10086000 10086014 10086012</p> | |
| <p>Ø15 coupling nut</p> | <p>YWZ5-2EK4.5 Black YWZ5-2EK4.5/HBU Blue YWZ5-2EK4.5/HYE Yellow</p> | <p>10086010 10086016 10086022</p> | |
| <p>Ø19 coupling nut</p> | <p>YWZ4-2EK3/10 Black YWZ4-2EK3/HBU10 Blue YWZ4-2EK3/HYE10 Yellow</p> | <p>10086008 10086015 10086023</p> | |
| <p>Ø19 coupling nut</p> | <p>YWZ5-2EK4.5/10 Black YWZ5-2EK4.5/HBU10 Blue YWZ5-2EK4.5/HYE10 Yellow</p> | <p>10086024 10086025 10086026</p> | |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 2-Branch Splitters

- Housing material: Oil resistant PUR material , Black
- Coupling nut: Brass/Nickel
- Contact carrier: TPU/Black
- Pin: Brass/Gold
- O-ring: FPM/FKM
- IP degree: IP67
- Temperature range: -30...+90°C
- Mechanical operation: ≥100



| Connector type | Type NO. | ID NO. | Circuit diagram |
|----------------|--|----------------------------------|-----------------|
| | YVZ4-2EK3 Black YVZ4-2EK3/HBU Blue YVZ4-2EK3/HYE Yellow | 10086050 10086071 10086051 | |
| | YVZ5-2EK4.5 Black YVZ5-2EK4.5/HBU Blue YVZ5-2EK4.5/HYE Yellow | 10086013 10086057 10086027 | |
| | YVZ4-2SK3 Black YVZ4-2SK3/HBU Blue YVZ4-2SK3/HYE Yellow | 10086031 10086028 10086029 | |
| | YWZ4-2M-2EK3-2M-2M/P00 YWZ4-5M-2EK3-5M-5M/P00 | 10084100 10014500 | |
| | YWZ5-2M-2EK4.5-2M-2M/P00 YWZ5-5M-2EK4.5-5M-5M/P00 | 10086009 10086120 | |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

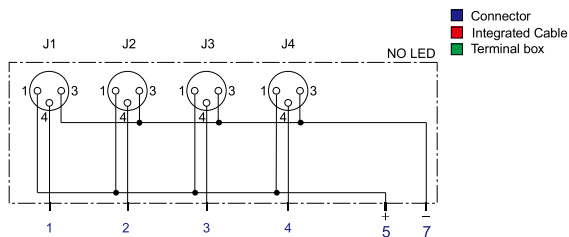
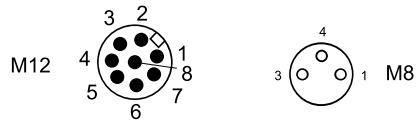
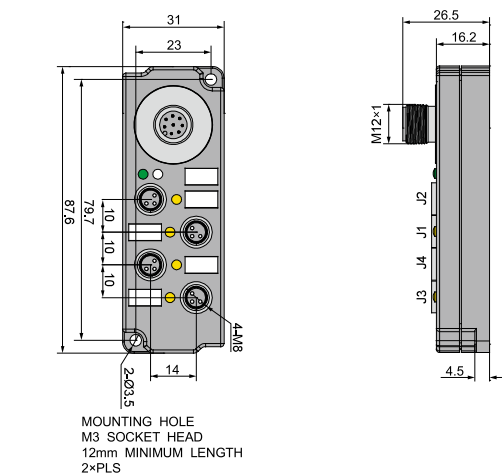
** Standard coupling nut material is nickel plated brass

M8 4 ports Junction box

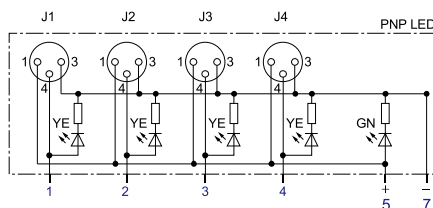
- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram



JB4M8-3-M12



JB4M8-3P-M12

Specifications

1 signal per port
NO LED
M12 vertical connector

1 signal per port
PNP LED
M12 vertical connector

Type NO./ID NO.

JB4M8-3-M12
10071130

JB4M8-3P-M12
10071131

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M8 6 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|--|---|----------------------------------|
| <p>MOUNTING HOLE M3 SOCKET HEAD 12mm MINIMUM LENGTH</p> | <p>1 signal per port NO LED M16 vertical connector</p> | <p>JB6M8-3-M16 10072150</p> |
| <p>NO LED</p> <p>JB6M8-3-M16</p> <p>PNP LED</p> <p>JB6M8-3P-M16</p> <p>■ Connector ■ Integrated Cable ■ Terminal box</p> | <p>1 signal per port PNP LED M16 vertical connector</p> | <p>JB6M8-3P-M16 10072151</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

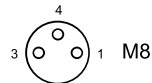
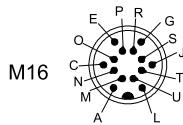
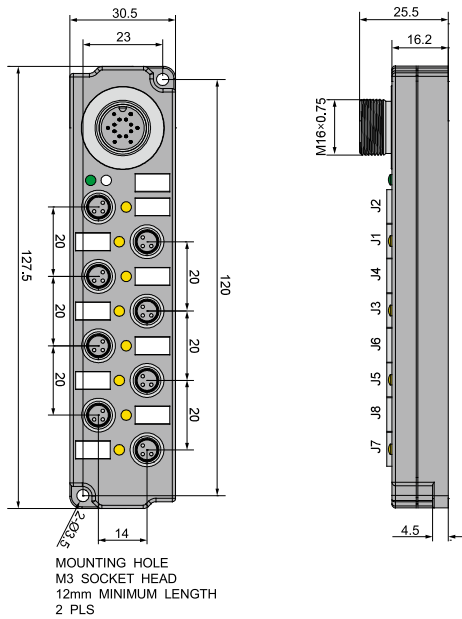
** Standard coupling nut material is nickel plated brass

M8 8 ports Junction box

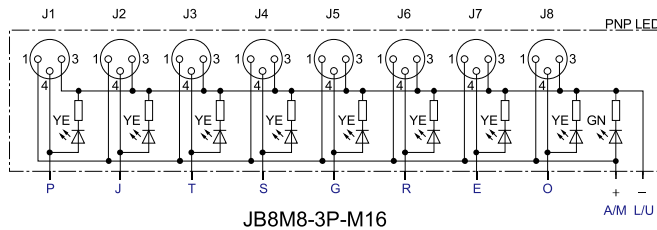
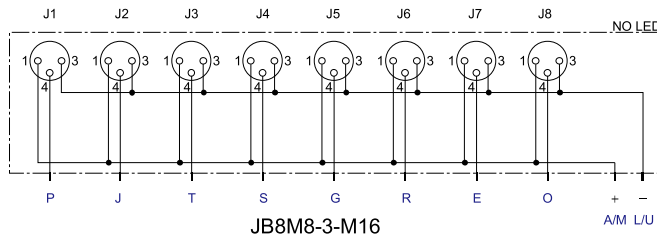
- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram



■ Connector
■ Integrated Cable
■ Terminal box



Specifications

1 signal per port
NO LED
M16 vertical connector

1 signal per port
PNP LED
M16 vertical connector

Type NO./ID NO.

JB8M8-3-M16
10073150

JB8M8-3P-M16
10073151

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M8 8 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|----------------------------|---|---------------------------------|
| | <p>1 signal per port NO LED 2m Black 10 Wires 2x0.5mm²+8x0.25mm² PVC Ø8.0mm Cable Type NO. : 58503161-*M</p> | <p>JB8M8-3-D2 10073155</p> |
| | <p>1 signal per port PNP LED 2m Black 10 Wires 2x0.5mm²+8x0.25mm² PVC Ø8.0mm Cable Type NO. : CS102001-*M</p> | <p>JB8M8-3P-D2 10073111</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

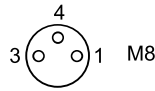
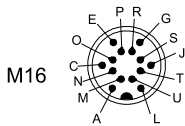
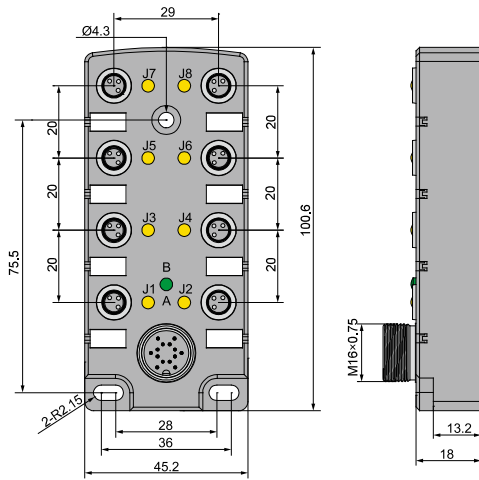
** Standard coupling nut material is nickel plated brass

M8 8 ports Wide type Junction box

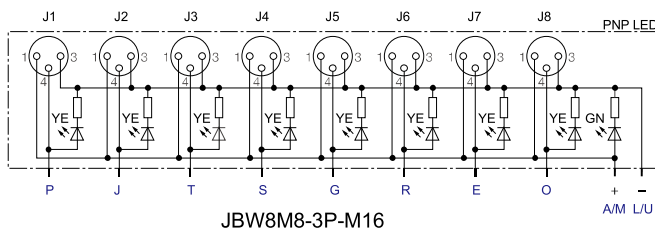
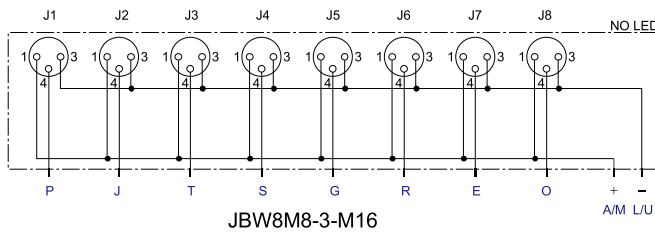
- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram



■ Connector
■ Integrated Cable
■ Terminal box



Specifications

1 signal per port
NO LED
M16 vertical connector

1 signal per port
PNP LED
M16 vertical connector

Type NO./ID NO.

JBW8M8-3-M16
10073170

JBW8M8-3P-M16
10073171

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M8 8 ports Wide type Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|--|---|----------------------------------|
| | <p>1 signal per port NO LED 2m Black 10 Wires 2x0.5mm²+8x0.25mm² PVC Ø8.0mm Cable Type NO. : 58503161-*M</p> | <p>JBW8M8-3-D2 10073180</p> |
| <p>JBW8M8-3-D2</p> <p>JBW8M8-3P-D2</p> | <p>1 signal per port PNP LED 2m Black 10 Wires 2x0.5mm²+8x0.25mm² PVC Ø8.0mm Cable Type NO. : 58503161-*M</p> | <p>JBW8M8-3P-D2 10073181</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

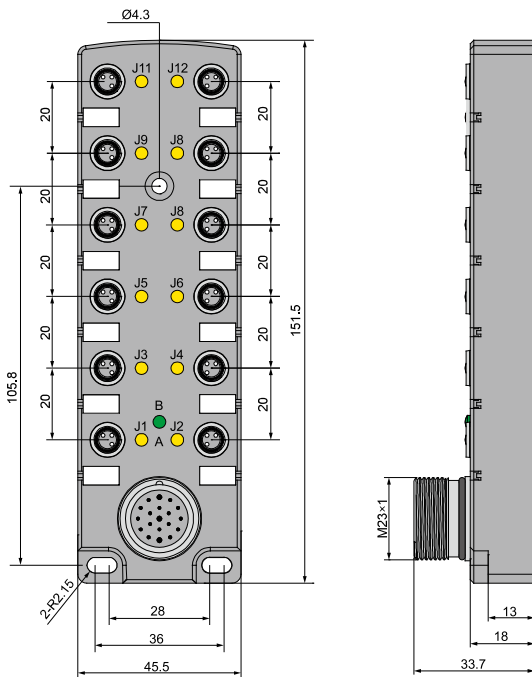
** Standard coupling nut material is nickel plated brass

M8 12 ports Wide type Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram



Specifications

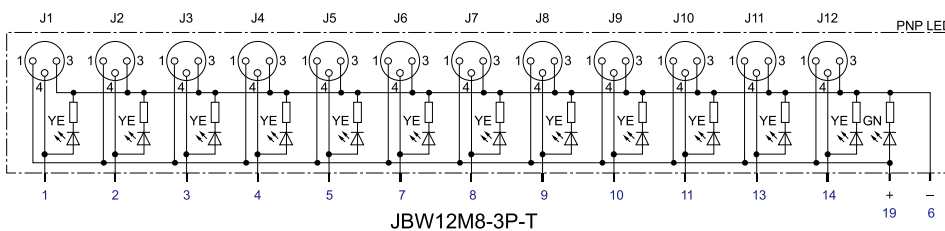
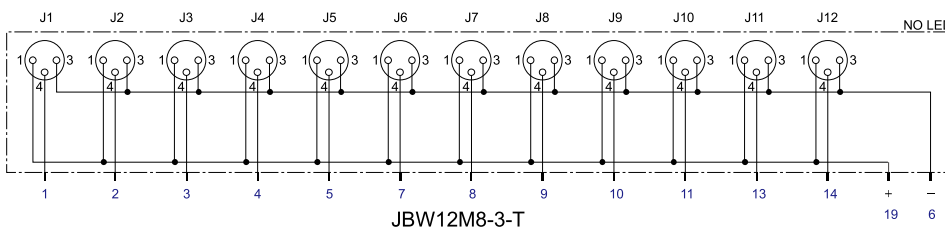
Type NO./ID NO.

1 signal per port
NO LED
M23 vertical connector

JBW12M8-3-T
10073190

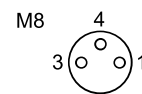
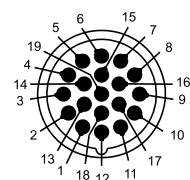
1 signal per port
PNP LED
M23 vertical connector

JBW12M8-3P-T
10074201



- Connector
- Integrated Cable
- Terminal box

M23
19-Pin



* Standard cable lengths are 2/5/10M, Consult factory for other lengths

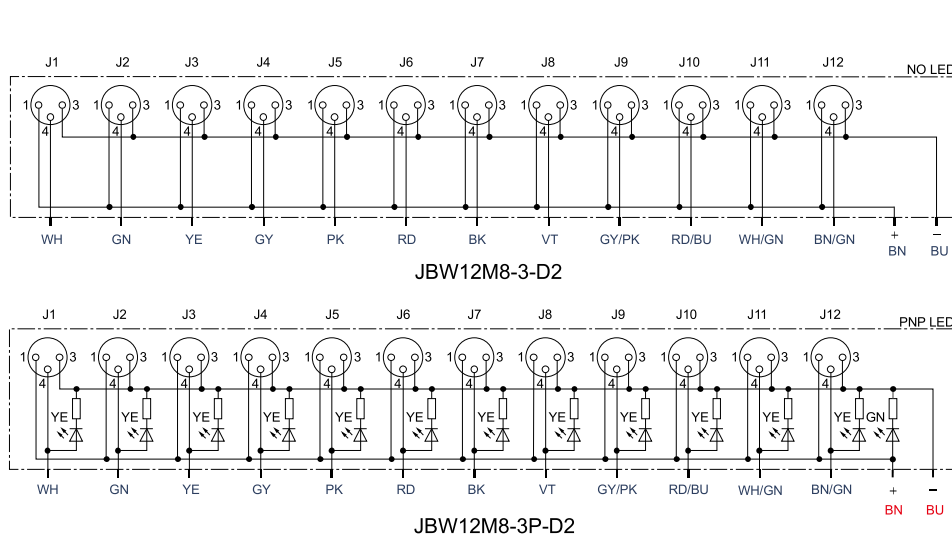
** Standard coupling nut material is nickel plated brass

M8 12 ports Wide type Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|----------------------------|--|-----------------------------------|
| | <p>1 signal per port NO LED 2m Black 14 Wires 2x0.5mm²+12x0.25mm² PVC Ø8.0mm Cable Type NO. : 58099911-*M</p> | <p>JBW12M8-3-D2 10073200</p> |
| | <p>1 signal per port PNP LED 2m Black 14 Wires 2x0.5mm²+12x0.25mm² PVC Ø8.0mm Cable Type NO. : 58099911-*M</p> | <p>JBW12M8-3P-D2 10073203</p> |



- Connector
- Integrated Cable
- Terminal box

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

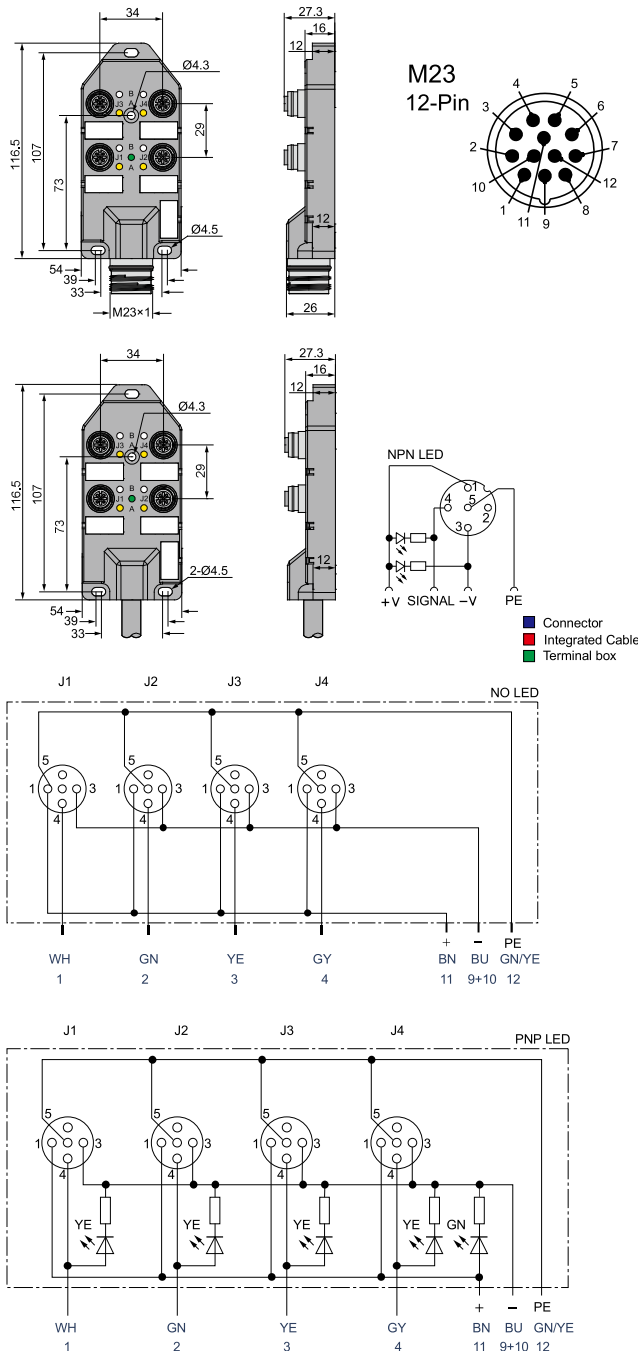
** Standard coupling nut material is nickel plated brass

M12 4 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram



Specifications

Type NO./ID NO.

1 signal per port
NO LED
M23 Horizontal connector

JB4M12-4
10071000

1 signal per port
PNP LED
M23 Horizontal connector

JB4M12-4P
10071001

1 signal per port
PNP LED
M23 Horizontal connector

JB4M12-4N
10071002

1 signal per port
NO LED
2m Black 7 Wires
7x0.75mm² PVC
Ø7.9mm
Cable Type NO. :
58030151-*M

JB4M12-4-D2
10071010

1 signal per port
PNP LED
2m Black 7 Wires
7x0.75mm² PVC
Ø7.9mm
Cable Type NO. :
58030151-*M

JB4M12-4P-D2
10071011

1 signal per port
NPN LED
2m Black 7 Wires
7x18AWG PVC
Ø7.9mm
Cable Type NO. :
58030151-*M

JB4M12-4N-D2
10071042

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 4 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 9 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|---------------------------------------|---|---------------------------------|
| <p>M23 12-Pin</p> | <p>1 signal per port NO LED M23 vertical connector</p> | <p>JB4M12-4-T 10071030</p> |
| <p>Terminal box 21-Pin</p> | <p>1 signal per port PNP LED M23 vertical connector</p> | <p>JB4M12-4P-T 10071031</p> |
| <p>NPN LED</p> | <p>1 signal per port NPN LED M23 vertical connector</p> | <p>JB4M12-4N-T 10071032</p> |
| <p>NO LED</p> | <p>1 signal per port NO LED Terminal connection</p> | <p>JB4M12-4-J 10071020</p> |
| <p>PNP LED</p> | <p>1 signal per port PNP LED Terminal connection</p> | <p>JB4M12-4P-J 10071021</p> |
| <p>NPN LED</p> | <p>1 signal per port NPN LED Terminal connection</p> | <p>JB4M12-4N-J 10071022</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 4 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|----------------------------|--|-----------------------------------|
| | <p>2 signals per port NO LED M23 vertical connector</p> | <p>JB4M12-4-T-R 10071080</p> |
| | <p>2 signals per port PNP LED M23 vertical connector</p> | <p>JB4M12-4P-T-R 10071081</p> |
| | <p>2 signals per port NPN LED M23 vertical connector</p> | <p>JB4M12-4N-T-R 10071082</p> |
| | <p>2 signals per port NO LED Terminal connection</p> | <p>JB4M12-4-J-R 10071070</p> |
| | <p>2 signals per port PNP LED Terminal connection</p> | <p>JB4M12-4P-J-R 10071071</p> |
| | <p>2 signals per port NPN LED Terminal connection</p> | <p>JB4M12-4N-J-R 10071072</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 6 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 9 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|--|---|----------------------------------|
| <p>M23 12-Pin</p> | <p>1 signal per port NO LED M23 Horizontal connector</p> | <p>JB6M12-4 10072000</p> |
| <p>NPN LED</p> <p>+V SIGNAL -V PE</p> <p>■ Connector ■ Integrated Cable ■ Terminal box</p> | <p>1 signal per port PNP LED M23 Horizontal connector</p> | <p>JB6M12-4P 10072001</p> |
| <p>NPN LED</p> <p>+V SIGNAL -V PE</p> <p>■ Connector ■ Integrated Cable ■ Terminal box</p> | <p>1 signal per port PNP LED M23 Horizontal connector</p> | <p>JB6M12-4N 10072002</p> |
| <p>NO LED</p> <p>WH 1 GN 2 YE 3 GY 4 PK 5 RD 6 BN BU GNYE 11 9+10 12</p> | <p>1 signal per port NO LED 2m Black 9 Wires 9x0.75mm² PVC Ø10.0mm Cable Type NO. : 58031151-*M</p> | <p>JB6M12-4-D2 10072010</p> |
| <p>PNP LED</p> <p>WH 1 GN 2 YE 3 GY 4 PK 5 RD 6 BN BU GNYE 11 9+10 12</p> | <p>1 signal per port PNP LED 2m Black 9 Wires 9x0.75mm² PVC Ø10.0mm Cable Type NO. : 58031151-*M</p> | <p>JB6M12-4P-D2 10072011</p> |
| <p>PNP LED</p> <p>WH 1 GN 2 YE 3 GY 4 PK 5 RD 6 BN BU GNYE 11 9+10 12</p> | <p>1 signal per port NPN LED 2m Black 9 Wires 9x0.75mm² PVC Ø10.0mm Cable Type NO. : 58031151-*M</p> | <p>JB6M12-4N-D2 10072042</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 6 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 9 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|-----------------------------------|---|---------------------------------|
| <p>M23 12-Pin</p> | <p>1 signal per port NO LED M23 vertical connector</p> | <p>JB6M12-4-T 10072030</p> |
| <p>Terminal box 21-Pin</p> | <p>1 signal per port PNP LED M23 vertical connector</p> | <p>JB6M12-4P-T 10072031</p> |
| <p>NPN LED</p> | <p>1 signal per port NPN LED M23 vertical connector</p> | <p>JB6M12-4N-T 10072032</p> |
| <p>NO LED</p> | <p>1 signal per port NO LED Terminal connection</p> | <p>JB6M12-4-J 10072020</p> |
| <p>PNP LED</p> | <p>1 signal per port PNP LED Terminal connection</p> | <p>JB6M12-4P-J 10072021</p> |
| <p>NPN LED</p> | <p>1 signal per port NPN LED Terminal connection</p> | <p>JB6M12-4N-J 10072022</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 6 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 9 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|----------------------------|--|------------------------------------|
| <p>M23 19-Pin</p> | <p>2 signals per port NO LED M23 Horizontal connector</p> | <p>JB6M12-4-R 10071100</p> |
| <p>M23 19-Pin</p> | <p>2 signals per port PNP LED M23 Horizontal connector</p> | <p>JB6M12-4P-R 10071101</p> |
| <p>M23 19-Pin</p> | <p>2 signals per port NPN LED M23 Horizontal connector</p> | <p>JB6M12-4N-R 10071102</p> |
| <p>NO LED</p> | <p>2 signals per port No LED 2m Black 15Wires 3x0.75mm²+12x0.34mm² Ø10.0mm,PVC Cable Type NO. : 58028151-*M</p> | <p>JB6M12-4-D2-R 10071090</p> |
| <p>PNP LED</p> | <p>2 signals per port PNP LED 2m Black 15Wires 3x0.75mm²+12x0.34mm² Ø10.0mm,PVC Cable Type NO. : 58028151-*M</p> | <p>JB6M12-4P-D2-R 10071091</p> |
| <p>NPN LED</p> | <p>2 signals per port NPN LED 2m Black 15Wires 3x0.75mm²+12x0.34mm² Ø10.0mm,PVC Cable Type NO. : 58028151-*M</p> | <p>JB6M12-4N-D2-R 10071092</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths ** Standard coupling nut material is nickel plated brass

M12 6 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM:FPM/FKM , IP degree:IP67
- Load:10~30VDC,2 A/port, 9 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|--------------------------------|--|-----------------------------------|
| <p>M23 19-Pin</p> | <p>2 signals per port NO LED M23 vertical connector</p> | <p>JB6M12-4-T-R 10072080</p> |
| <p>Terminal box 21-Pin</p> | <p>2 signals per port PNP LED M23 vertical connector</p> | <p>JB6M12-4P-T-R 10072081</p> |
| <p>NPN LED</p> | <p>2 signals per port NPN LED M23 vertical connector</p> | <p>JB6M12-4N-T-R 10072082</p> |
| <p>NO LED</p> | <p>2 signals per port NO LED Terminal connection</p> | <p>JB6M12-4-J-R 10072070</p> |
| <p>PNP LED</p> | <p>2 signals per port PNP LED Terminal connection</p> | <p>JB6M12-4P-J-R 10072071</p> |
| <p>NPN LED</p> | <p>2 signals per port NPN LED Terminal connection</p> | <p>JB6M12-4N-J-R 10072072</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 8 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 9 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|--|---|--------------------------|
| <p>M23 12-Pin</p> | 1 signal per port NO LED M23 Horizontal connector | JB8M12-4 10073000 |
| | 1 signal per port PNP LED M23 Horizontal connector | JB8M12-4P 10073001 |
| <p>NPN LED</p> <p>+V SIGNAL -V PE</p> <p>■ Connector ■ Integrated Cable ■ Terminal box</p> | 1 signal per port PNP LED M23 Horizontal connector | JB8M12-4N 10073002 |
| <p>NO LED</p> | 1 signal per port NO LED 2m Black 11 Wires 11x0.75mm ² PVC Ø10.0mm Cable Type NO. : 58092911-*M | JB8M12-4-D2 10073010 |
| <p>PNP LED</p> | 1 signal per port PNP LED 2m Black 11 Wires 11x0.75mm ² PVC Ø10.0mm Cable Type NO. : 58092911-*M | JB8M12-4P-D2 10073011 |
| <p>PNP LED</p> | 1 signal per port NPN LED 2m Black 11 Wires 11x0.75mm ² PVC Ø10.0mm Cable Type NO. : 58092911-*M | JB8M12-4N-D2 10073042 |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 8 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|---|---|---------------------------------|
| <p>M23 12-Pin</p> | <p>1 signal per port NO LED M23 vertical connector</p> | <p>JB8M12-4-T 10073030</p> |
| <p>Terminal box 21-Pin</p> | <p>1 signal per port PNP LED M23 vertical connector</p> | <p>JB8M12-4P-T 10073031</p> |
| <p>NPN LED</p> <p>■ Connector ■ Integrated Cable ■ Terminal box</p> | <p>1 signal per port NPN LED M23 vertical connector</p> | <p>JB8M12-4N-T 10073032</p> |
| <p>NO LED</p> | <p>1 signal per port NO LED Terminal connection</p> | <p>JB8M12-4-J 10073020</p> |
| <p>PNP LED</p> | <p>1 signal per port PNP LED Terminal connection</p> | <p>JB8M12-4P-J 10073021</p> |
| <p>NPN LED</p> | <p>1 signal per port NPN LED Terminal connection</p> | <p>JB8M12-4N-J 10073022</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 8 ports Junction box

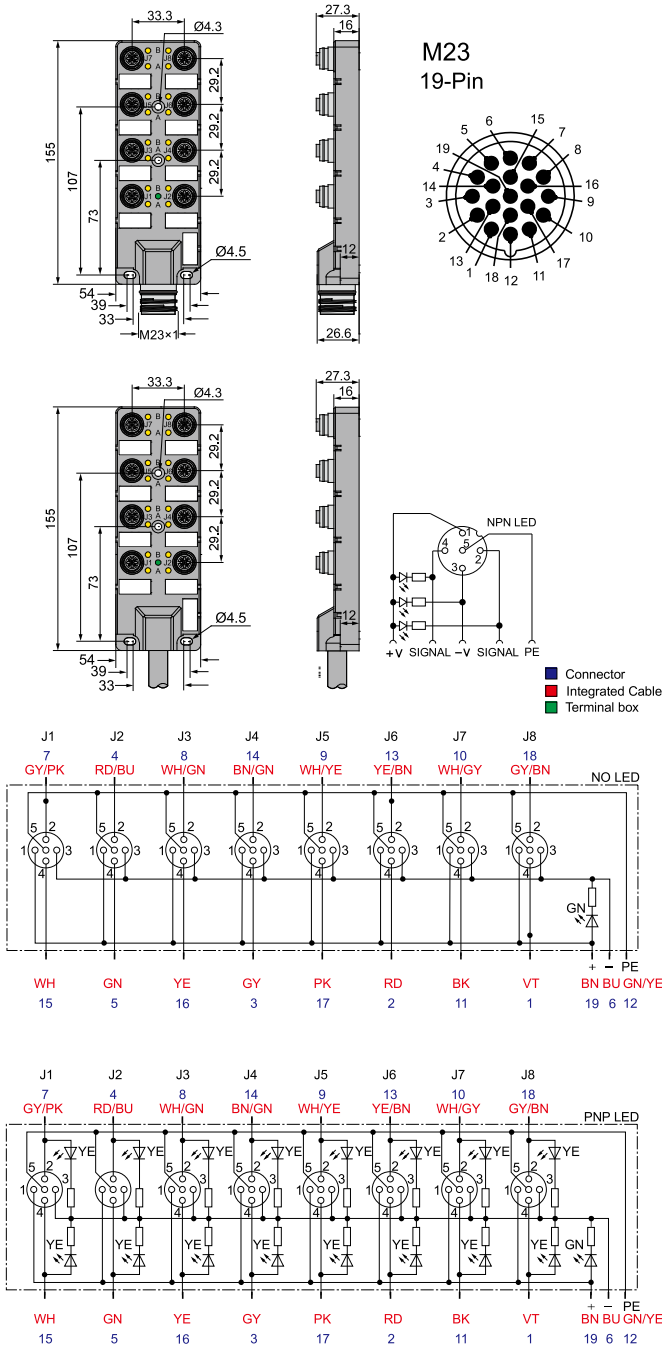
- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram

Specifications

Type NO./ID NO.



2 signals per port
 NO LED
 M23 Horizontal connector

JB8M12-4-R
 10073050

2 signals per port
 PNP LED
 M23 Horizontal connector

JB8M12-4P-R
 10073051

2 signals per port
 NPN LED
 M23 Horizontal connector

JB8M12-4N-R
 10073052

2 signals per port
 No LED
 2m Black 19 Wires
 3x0.75mm²+16x0.34mm²
 Ø10.7mm PVC
 Cable Type NO. :
 58094911-*M

JB8M12-4-D2-R
 10073060

2 signals per port
 PNP LED
 2m Black 19 Wires
 3x0.75mm²+16x0.34mm²
 Ø10.7mm PVC
 Cable Type NO. :
 58094911-*M

JB8M12-4P-D2-R
 10073061

2 signals per port
 NPN LED
 2m Black 19 Wires
 3x0.75mm²+16x0.34mm²
 Ø10.7mm PVC
 Cable Type NO. :
 58094911-*M

JB8M12-4N-D2-R
 10073062

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 8 ports Junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



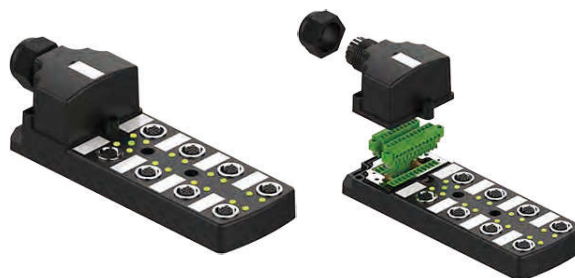
| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|--------------------------------|--|-----------------------------------|
| <p>M23 19-Pin</p> | <p>2 signals per port NO LED M12 vertical connector</p> | <p>JB8M12-4-T-R 10073080</p> |
| <p>Terminal box 21-Pin</p> | <p>2 signals per port PNP LED M12 vertical connector</p> | <p>JB8M12-4P-T-R 10073081</p> |
| <p>NPN LED</p> | <p>2 signals per port NPN LED M12 vertical connector</p> | <p>JB8M12-4N-T-R 10073082</p> |
| <p>NO LED</p> | <p>2 signals per port NO LED Terminal connection</p> | <p>JB8M12-4-J-R 10073070</p> |
| <p>PNP LED</p> | <p>2 signals per port PNP LED Terminal connection</p> | <p>JB8M12-4P-J-R 10073071</p> |
| <p>NPN LED</p> | <p>2 signals per port NPN LED Terminal connection</p> | <p>JB8M12-4N-J-R 10073072</p> |

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

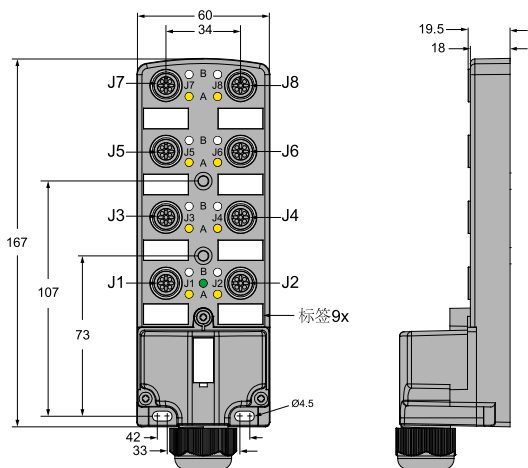
** Standard coupling nut material is nickel plated brass

M12 8ports PNP/NPN adjustable junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100



Dimensions/Circuit diagram

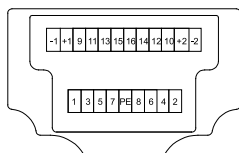


Specifications

1 signal per port
PNP-NPN adjustable

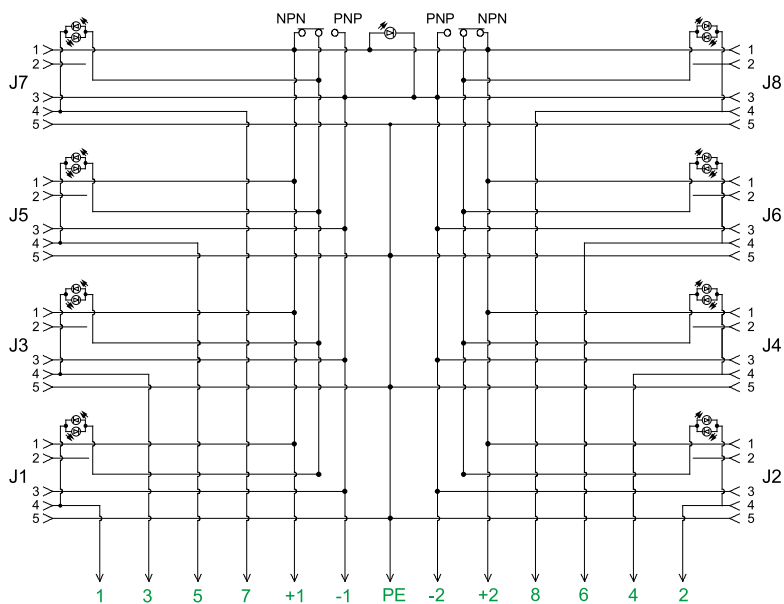
Type NO./ID NO.

JB8M12-4PN-J
10071138



LED indicator turns to yellow when switch to PNP
LED indicator turns to blue when switch to NPN

WIRING DIAGRAM



* Standard cable lengths are 2/5/10M, Consult factory for other lengths

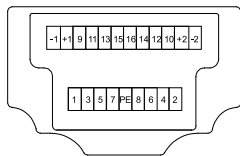
** Standard coupling nut material is nickel plated brass

M12 8ports PNP/NPN adjustable junction box

- Housing material:Nylon/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM, IP degree:IP67
- Load:10~30VDC,2 A/port, 6 A total,LED 10mA
- Temperature range:-30...+80°C
- Mechanical operation:≥100

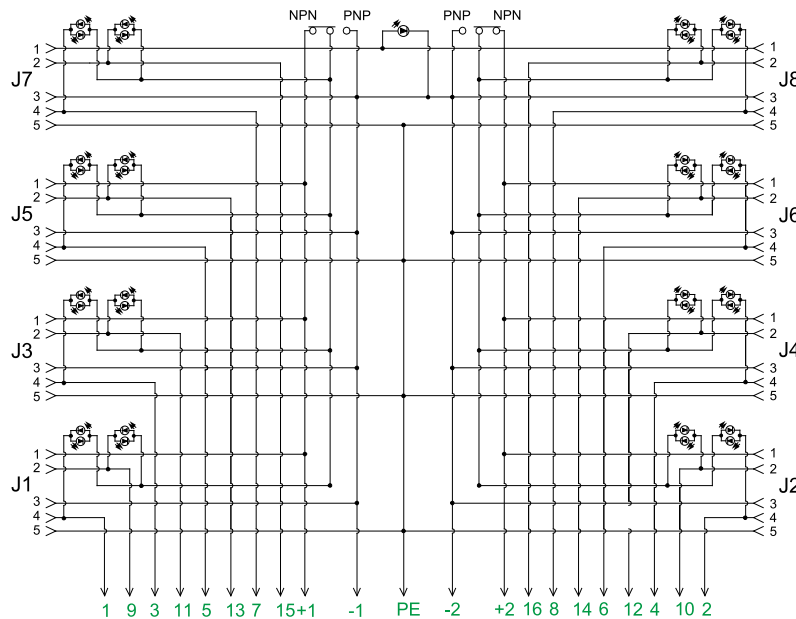


| Dimensions/Circuit diagram | Specifications | Type NO./ID NO. |
|----------------------------|--|------------------------------------|
| | <p>1 signal per port PNP-NPN ajustable</p> | <p>JB8M12-4PN-J-R 10073077</p> |



LED indicator turns to yellow when switch to PNP
LED indicator turns to blue when switch to NPN

WIRING DIAGRAM



* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass