

LynxPOWER passive Mini-Line cordsets and receptacles

10P

LynxPOWER™ Mini-Line cordsets and receptacles are designed for modular use in abusive applications where cable assemblies are exposed to constant flexing and/or dirty, oily or harsh environments.

Applications:

- Specifically designed for industrial automation applications in which power or signal connections are exposed to long-term physical stresses and subjected to liquids or oils
- Ideal for industrial manufacturing, production line equipment, packaging equipment, conveyors and assembly lines, plus food and beverage processing equipment
- Mini-Line connection points mean less downtime, easier maintenance and increased safety by replacing traditional hard wiring with a plug-and-run modular pre-wired system
- These products have excellent resistance to welding flash, hot chips and other severe conditions found in demanding manufacturing settings
- The molded-to-cable construction of the one-piece cordset ends creates a bond that is impervious to penetration from external contaminants



Features:

- 1 Indicating arrow for easy identification and proper alignment of keyway
 - 2 Vibration-resistant ratchet coupler design prevents loosening in severe and high vibration applications
 - 3 Couplers pass 1,000-hour salt spray test for exceptional corrosion resistance
 - 4 Shroud and cork design rated for 1,200 psi hose down spray, exceeding IEC IP68 and NEMA 6P ratings
 - 5 Gold over nickel female contact plating provides superior conductivity and corrosion resistance
 - 6 Superior bonding receptacle to pigtail epoxy potting ensures excellent reliability by preventing pigtail pull-out
 - 7 Mini-Line cordsets available in 2-pole through 12-pole 16 AWG cable for 6A, 7A, 8A, 10A and 13A applications
 - 8 Internal contact support maintains pin location both pin-to-pin and pin-to-face dimensions
 - 9 Multiple cable options available to suit nearly every industrial application
- Style I cordset Ø=1.00"**
- Style II cordset Ø=1.12"**
- Style III cordset Ø=1.25"**
- Mini-Line receptacle**

Male and female cordsets

Features:

- Factory molded-to-cable cordsets provide quick connect capability
- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water and other contaminants to reduce maintenance and downtime
- Vibration-resistant ratchet couplers assure cordsets stay connected under load
- Superior female contact design with stainless steel sleeve for minimal degradation
- End-to-cable molded junction securely bonds for excellent reliability
- Internal contact support maintains pin location and proper keyway alignment
- Shroud and cork design exceeds IP68 and NEMA 6P rating (rated 1,200 psi hose down spray)
- Easy stripping jacketed cable design allows fast stripping with simple hand tools; high flex copper stranding delivers improved flexibility; multiple cable options

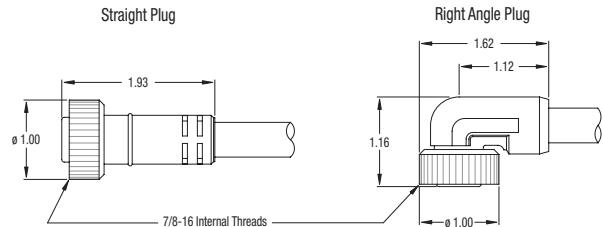


Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL Listed 2238, File No. E468986
- CSA certified, File No. LR13963

Style I male and female plugs

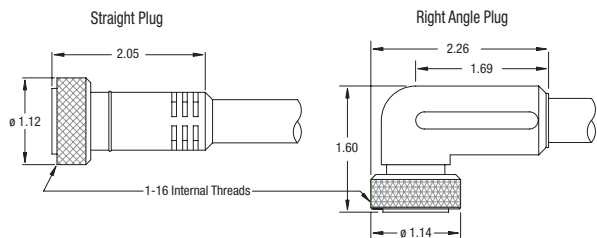
- Cable options – ST00W, SO0W or SE0W (up to 5-pole)
- Straight and right angle body designs
- Vibrationproof ratchet coupler design
- Zinc, nylon and stainless steel coupler options
- Meets current SAE #H1738-2 specifications



2-pole: 13A; 3-pole: 13A; 4-pole: 10A; 5-pole: 8A; 6-pole: 6A
2, 3, 4, 5, 6 conductor 16 AWG standard color code

Style II male and female plugs

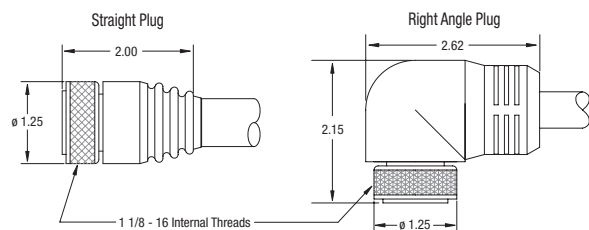
- Cable options – ST00W
- Straight and right angle body designs
- Vibrationproof ratchet coupler design
- Aluminum coupler
- Meets current SAE #H1738-2 specifications



6-pole: 8A; 7-pole: 7A; 8-pole: 7A
6, 7, 8 conductor 16 AWG standard color code

Style III male and female plugs

- Cable options – ST00W
- Straight and right angle body designs
- Vibrationproof ratchet coupler design
- Aluminum coupler
- Meets current SAE #H1738-2 specifications



9-pole: 7A; 10-pole: 7A; 12-pole: 7A
9, 10, 12 conductor 16 AWG standard color code

Pin configurations and color coding:

Female faces



2-Pole
Style I



3-Pole
Style I



4-Pole
Style I



5-Pole
Style I



6-Pole
Style I



6-Pole
Style II



7-Pole
Style II



8-Pole
Style II



9-Pole
Style III



10-Pole
Style III



12-Pole
Style III

Male faces



2-Pole
Style I



3-Pole
Style I



4-Pole
Style I



5-Pole
Style I



6-Pole
Style I



6-Pole
Style II



7-Pole
Style II



8-Pole
Style II



9-Pole
Style III



10-Pole
Style III



12-Pole
Style III

Conductor color coding

Standard
1. WHT
2. BLK

Standard
1. GRN
2. BLK
3. WHT

Standard
1. BLK
2. WHT
3. RED
4. GRN

Standard
1. WHT
2. RED
3. GRN
4. ORG
5. BLK

Standard
1. WHT
2. RED
3. GRN
4. ORG
5. BLK
6. BLU

Standard
1. ORG
2. BLU
3. BLK
4. WHT
5. RED
6. GRN

Standard
1. WHT/BLK
2. BLK
3. WHT
4. RED
5. ORG
6. BLU
7. GRN

Standard
1. ORG
2. BLU
3. WHT/BLK
4. BLK
5. WHT
6. RED
7. GRN
8. RED/BLK

Standard
1. ORG
2. BLU
3. RED/BLK
4. GRN/BLK
5. WHT
6. RED
7. GRN
8. WHT/BLK
9. BLK

Standard
1. ORG
2. BLU
3. WHT/BLK
4. RED/BLK
5. GRN/BLK
6. ORG/BLK
7. RED
8. GRN
9. BLK
10. WHT

Standard
1. ORG
2. BLU
3. WHT/BLK
4. RED/BLK
5. GRN/BLK
6. ORG/BLK
7. BLU/BLK
8. BLK/WHT
9. GRN
10. RED
11. WHT
12. BLK

Ordering information:

Part number example

ML4A4WC120F

ML

Product type

ML Mini-Line cordset

4

Number of poles

2^A	2, Style I
3	3, Style I
4	4, Style I
5	5, Style I
6	6, Style I
7	7, Style II
8	8, Style II
9	9, Style III
A	10, Style III
C	12, Style III

A

Plug gender and configuration

A	Male, straight plug, internal thread, pigtail	M
C	Female, straight plug, internal thread, pigtail	F
D	Male, 90° plug, internal thread, pigtail	M
F	Female, 90° plug, internal thread, pigtail	F
G	Male, 90° plug to female, straight plug	M F
J	Male, 90° plug to female, 90° plug	M F
P	Male, straight plug to female, straight plug	M F
S	Male, straight plug to female, 90° plug	M F

4WC

Cable specifications

4WC	16 AWG ST00W – U.S. std. color code
4AC^{A B}	16 AWG SE0W – U.S. std. color code
4SC^{A B}	16 AWG SQ0W – U.S. std. color code

120F

Length

030F	3 ft.
060F	6 ft.
120F	12 ft.
300F	30 ft.

^AThis option is not part of the standard product offering and is considered to be made to order. Please contact Customer Service for ordering information and lead time.

^BAvailable in 3-pole to 5-pole, Style I configuration as a standard product offering.

^CStyle I only.

Special features

BLANK	Standard zinc alloy or aluminum coupler
XC	Stainless steel coupler
YC	Nylon coupler

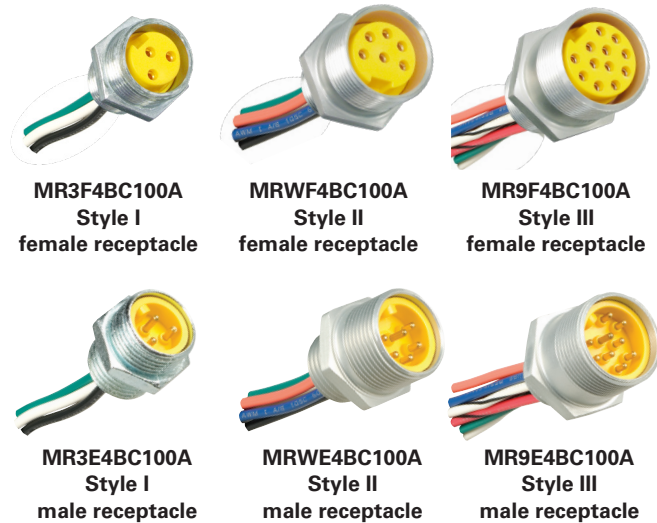
Male and female receptacles

Features:

- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water and other contaminants to reduce maintenance and downtime
- Compact space saving receptacle bodies
- Superior female contact design with stainless steel sleeve for minimal degradation
- Receptacle-to-pigtail potting bonds securely for excellent reliability
- Internal contact support maintains pin location and proper keyway alignment
- Shroud and cork design exceeds IP68 and NEMA 6P rating (rated 1,200 psi hose down spray)

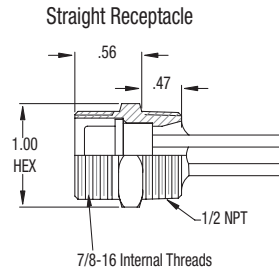
Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL Listed 2238, File No. E468986
- CSA certified, File No. LR13963



Style I male and female receptacles

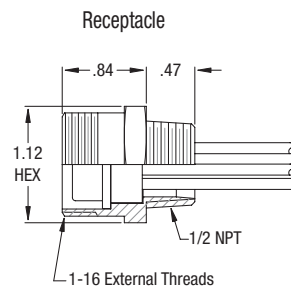
- Cable options – PVC single conductor flying leads
- 1/2"-14 NPT mounting threads
- Zinc, nylon and stainless steel shell options
- Meets current SAE #H1738-2 specifications



2-pole: 13A; 3-pole: 13A; 4-pole: 10A;
5-pole: 8A; 6-pole: 6A
2, 3, 4, 5, 6 conductor 16 AWG U.S.
standard color code

Style II male and female receptacles

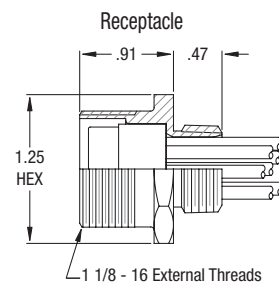
- Cable options – PVC single conductor flying leads
- 1/2"-14 NPT mounting threads
- Aluminum shell
- Meets current SAE #H1738-2 specifications



6-pole: 8A; 7-pole: 7A; 8-pole: 7A
6, 7, 8 conductor 16 AWG U.S.
standard color code

Style III male and female receptacles

- Cable options – PVC single conductor flying leads
- 1/2"-14 NPT mounting threads
- Aluminum shell
- Meets current SAE #H1738-2 specifications



9-pole: 7A; 10-pole: 7A; 12-pole: 7A
9, 10, 12 conductor 16 AWG U.S.
standard color code

LynxPOWER passive Mini-Line receptacles

NEMA 1, 3, 4, 6P, 13
IP68

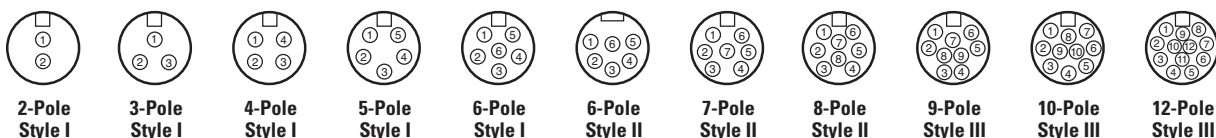
10P

Pin configurations and color coding:

Female
faces



Male
faces



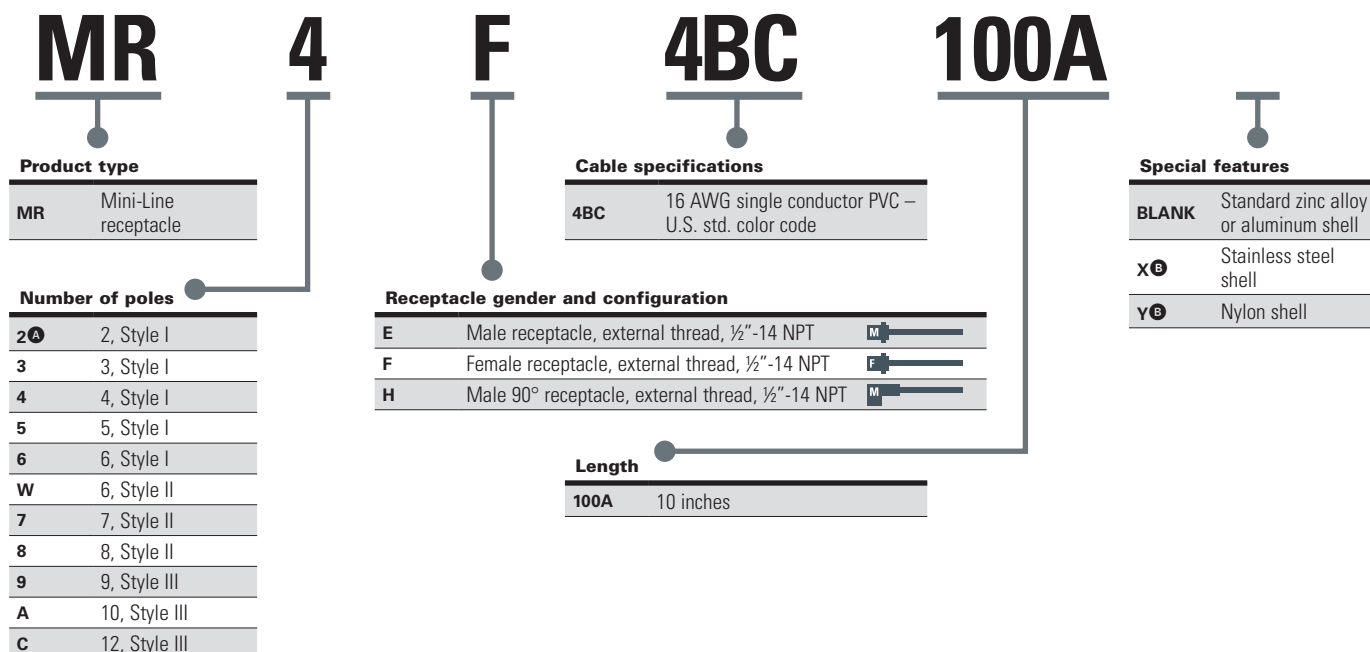
Conductor
color
coding

Standard 1. WHT 2. BLK	Standard 1. GRN 2. BLK 3. WHT	Standard 1. BLK 2. WHT 3. RED 4. GRN	Standard 1. WHT 2. RED 3. GRN 4. ORG 5. BLK	Standard 1. WHT 2. RED 3. GRN 4. ORG 5. BLK 6. BLU	Standard 1. ORG 2. BLU 3. BLK 4. WHT 5. RED 6. GRN	Standard 1. WHT/BLK 2. BLK 3. WHT 4. RED 5. ORG 6. BLU 7. GRN	Standard 1. ORG 2. BLU 3. WHT/BLK 4. BLK 5. WHT 6. RED 7. GRN 8. RED/BLK	Standard 1. ORG 2. BLU 3. RED/BLK 4. GRN/BLK 5. WHT 6. RED 7. GRN 8. WHT/BLK 9. BLK	Standard 1. ORG 2. BLU 3. WHT/BLK 4. RED/BLK 5. GRN/BLK 6. ORG/BLK 7. RED 8. GRN 9. BLK 10. WHT	Standard 1. ORG 2. BLU 3. WHT/BLK 4. RED/BLK 5. GRN/BLK 6. ORG/BLK 7. BLU/BLK 8. BLK/WHT 9. GRN 10. RED 11. WHT 12. BLK
-------------------------------------	---	---	---	---	---	---	---	---	--	--

Ordering information:

Part number example

MR4F4BC100A



^AThis option is not part of the standard product offering and is considered to be made to order. Please contact Customer Service for ordering information and lead time.

^BStyle I only.

LynxPOWER passive Mini-Line tees and accessories

NEMA 1, 3, 4, 6P, 13
IP68

10P

Tees and field attachables

Features:

- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; reduces installation time and lessens the need for special tools
- Factory molded tees offer quick and easy circuit branching options
- Field attachable connectors allow users to create custom cable lengths using their own cable

Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897
- CSA certified, File No. LR13963



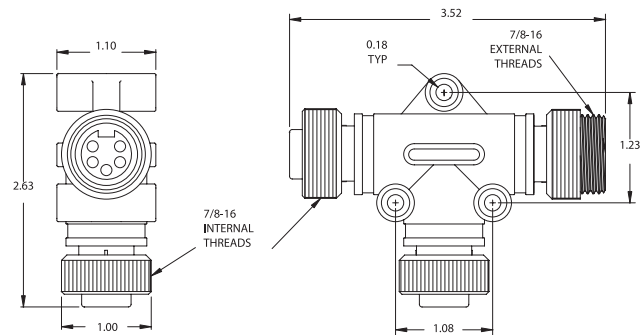
**MT4RC4R
Style I
male-female-female tee**



**MF4B1
Style I
male in-line field attachable**

Style I tees

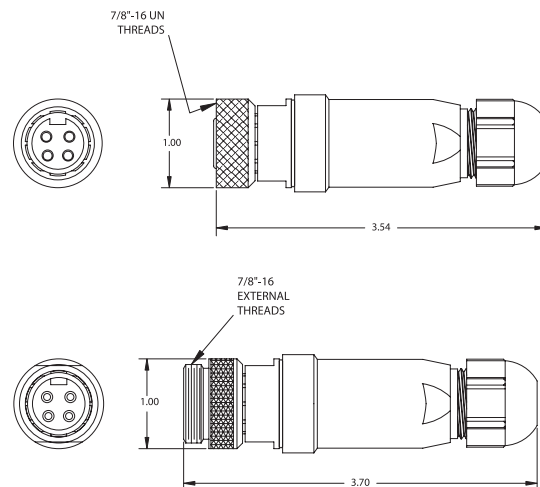
- Male and female plug connectivity
- Available with molded drop cable
- Black and gray molded body options
- Zinc coupler
- IP68



3-pole: 13A; 4-pole: 10A
3 and 4 conductor 16 AWG tees available

Style I field attachables

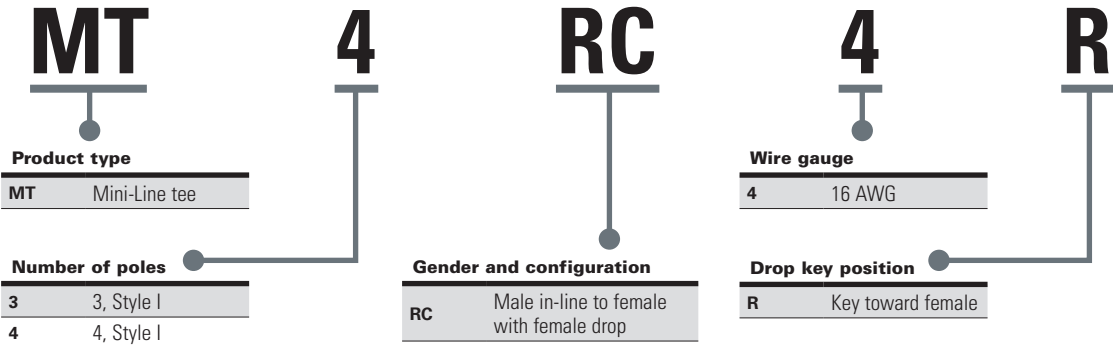
- Field attachables feature an impact-resistant PVC body
- Provide IP67 environmental protection
- Nickel-plated brass coupler provides easy to use, durable connection



3-pole: 13A; 4-pole: 10A
3 and 4 conductor available to support 16 AWG cable

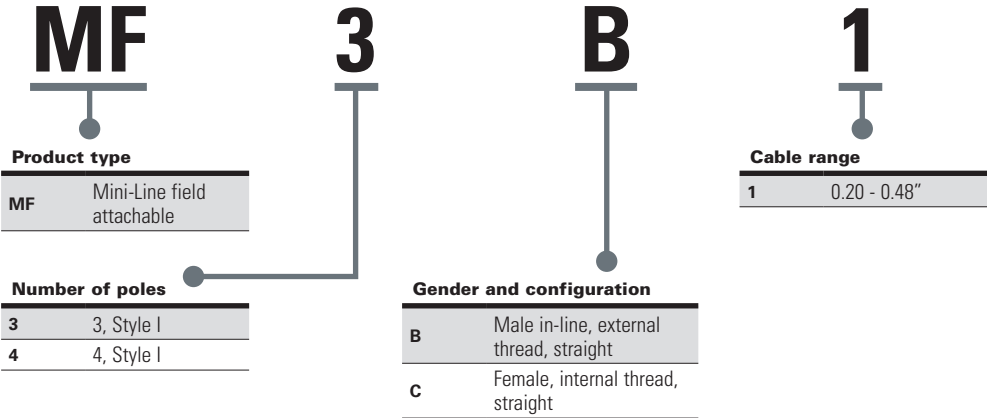
Ordering information – tees:

Part number example
MT4RC4R



Ordering information – field attachables:

Part number example
MF3B1



Ordering information – passive accessories:

Cap with external threads

Cat. #	Description
M1MC	ML1 cap for Style I plugs

Cap with internal threads

Cat. #	Description
M1FC	ML1 cap for Style II receptacles



LynxPOWER passive Mini-Line 4-port plex boxes

NEMA 1, 3, 4, 6P, 13
IP68

10P

Features:

- Allow for consolidation of signal into one cable, reducing the number of cables needed
- PNP wiring configuration with LED indicator lights
- 4-port and 8-port output options standard

Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897
- CSA certified, File No. LR13963

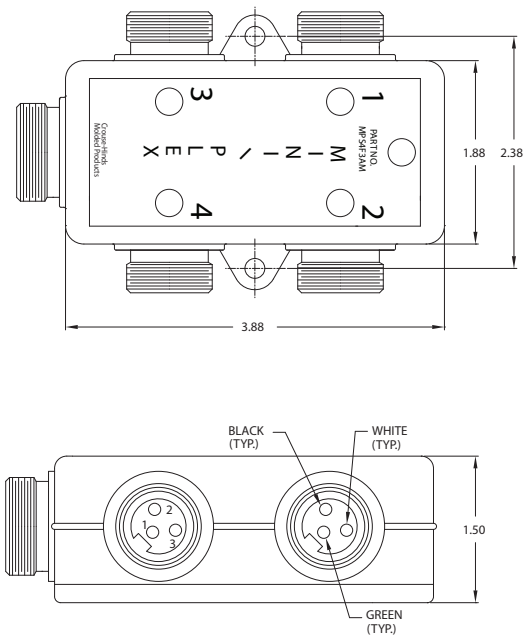


MPS4F3AM
single key 4-port plex box

Ordering information:

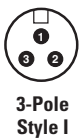
Cat. #	No. of ports	Output port gender	Output port no. of holes	Wiring configuration	Input port gender	Input port no. of holes	Voltage
MP4FA000	4	Female	3	Parallel	Male	6	600 VAC
MP4FC000	4	Female	3	PNP	Male	6	120 VAC

Dimensions:

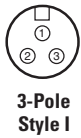


DC single key pin configurations and color coding:

Female faces



Male faces



Conductor color coding

Standard
1. GRN
2. BLK
3. WHT

LynxPOWER passive Mini-Line 8-port plex boxes

NEMA 1, 3, 4, 6P, 13
IP68

10P

Features:

- Allow for consolidation of signal into one cable, reducing the number of cables needed
- PNP wiring configuration with LED indicator lights
- 4-port and 8-port output options standard

Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897
- CSA certified, File No. LR13963

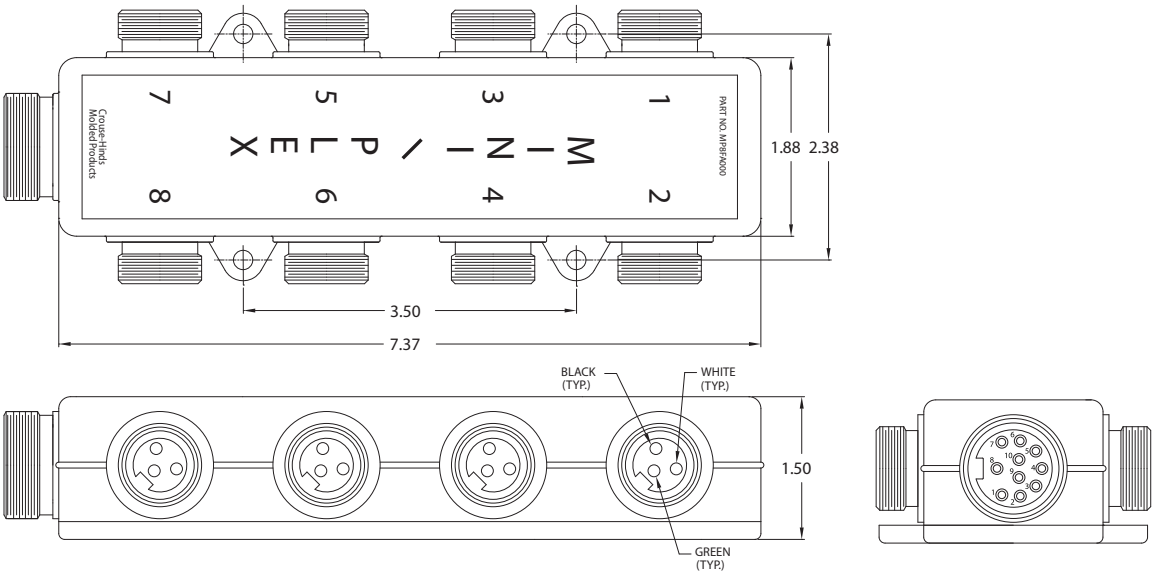


MPS4F3AM
single key 8-port plex box

Ordering information:

Cat. #	No. of ports	Output port gender	Output port no. of holes	Wiring configuration	Input port gender	Input port no. of holes	Voltage
MP8FA000	8	Female	3	Parallel	Male	10	600 VAC
MP8FC000	8	Female	3	PNP	Male	10	120 VAC

Dimensions:



DC single key pin configurations and color coding:

Female
faces



3-Pole
Style I

Male
faces



3-Pole
Style I

Conductor
color
coding

Standard
1. GRN
2. BLK
3. WHT

LynxPOWER passive Micro-Mini cordsets and receptacles

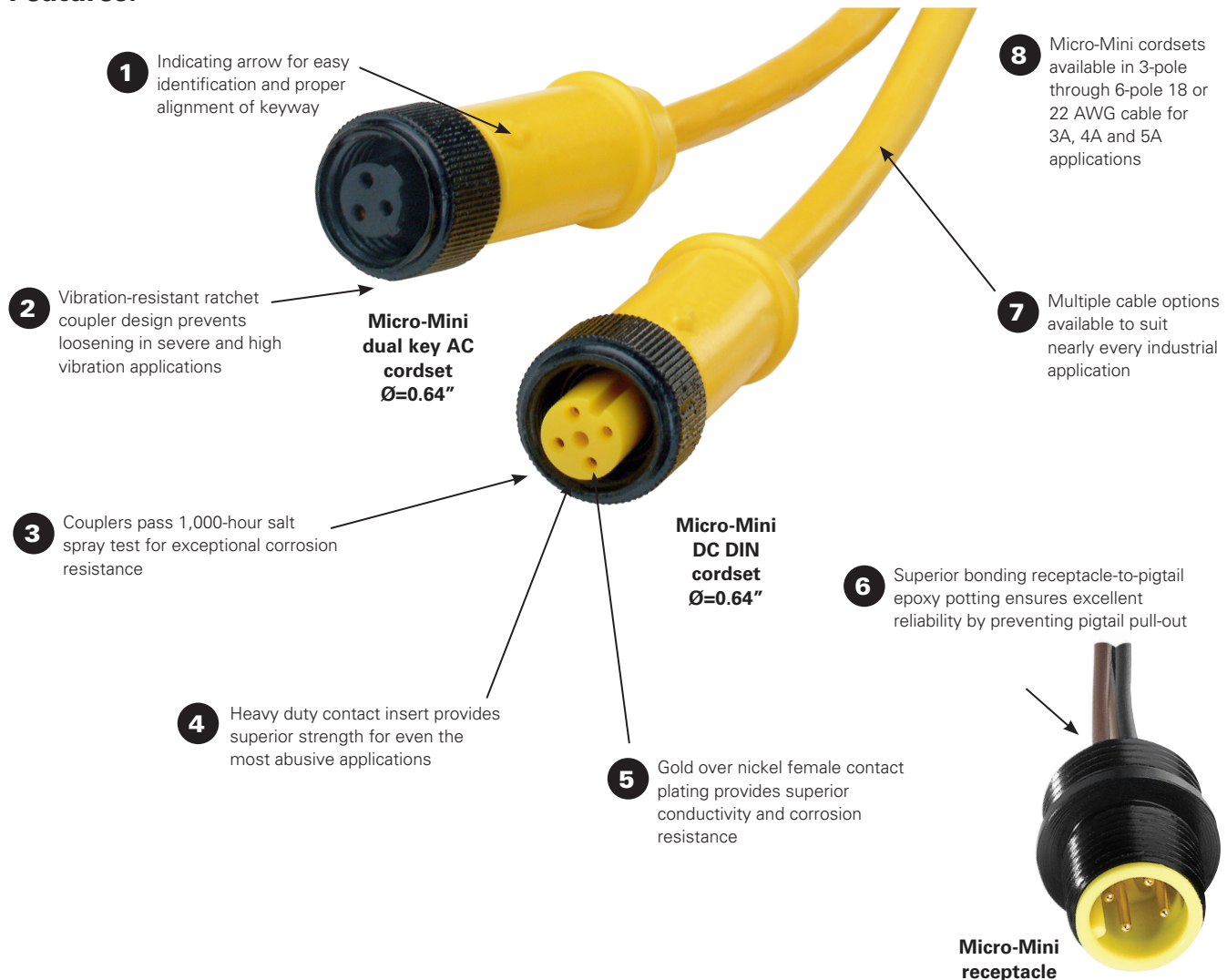
10P

Applications:

- Specifically designed for industrial automation applications that expose signal connections to constant flexing and vibration, plus contaminants, hot chips or welding flash
- Ideal for industrial manufacturing, production line equipment, pick-n-place machines and robotic equipment and processing sensors
- Designed specifically for low amperage AC or DC control systems, compatible with pin configurations used by major sensor manufacturers in the U.S. and Europe, and meet current SAE H1738-2 and IEC 60176-2-101 specifications
- The molded-to-cable construction of the one-piece cordset ends creates a bond that is impervious to penetration from external contaminants
- Receptacle shells are made from materials chosen to mate with Micro-Mini cordsets and provide a cable assembly with far superior service



Features:



10P

LynxPOWER passive Micro-Mini cordsets

AC dual key

NEMA 1, 3, 4, 6P, 13
IP68

10P

Male and female cordsets

Features:

- Designed for low amperage control systems in abusive manufacturing environments
- Factory molded-to-cable ends provide quick connect capability
- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Vibration-resistant ratchet couplers assure cordsets stay coupled under load
- Contact inserts securely bonded in place with a proprietary process; superior side load strength is in excess of 100 lbs., five times industry standards
- End-to-cable molded junction securely bonds for excellent reliability
- Gold plated contacts provide superior conductivity and corrosion resistance
- Easy stripping jacketed cable with “fillerless” design allows fast stripping with simple hand tools; high flex copper stranding delivers improved flexibility; multiple cable type options

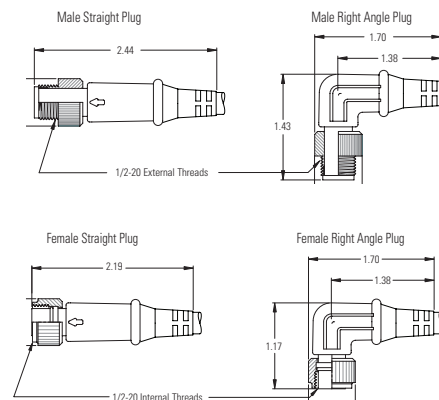


Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL Listed 2238, File No. E468986
- CSA certified, File No. LR13963

AC dual key male and female plugs

- Cable options – PVC (UR AWM Style 2661)
- Straight and right angle body designs
- Vibrationproof ratchet coupler design
- Zinc coupler
- Meets current SAE #H1738-2 specifications



3-pole: 4A; 4-pole: 4A; 5-pole: 4A; 6-pole: 3A, 300 VAC
3, 4, 5, 6 conductor 18 & 22 AWG U.S. AC color code

AC dual key pin configurations and color coding:

Female
faces



3-Pole
Dual Key AC



4-Pole
Dual Key AC



5-Pole
Dual Key AC



6-Pole
Dual Key AC

Conductor
color
coding

Standard
1. GRN
2. RED/BLK
3. RED/WHT

Standard
1. RED/BLK
2. RED/WHT
3. RED
4. GRN

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK
6. RED/BLU

Male
faces



3-Pole
Dual Key AC



4-Pole
Dual Key AC



5-Pole
Dual Key AC



6-Pole
Dual Key AC

Conductor
color
coding

Standard
1. GRN
2. RED/BLK
3. RED/WHT

Standard
1. RED/BLK
2. RED/WHT
3. RED
4. GRN

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK
6. RED/BLU

LynxPOWER passive Micro-Mini cordsets

DC single key

NEMA 1, 3, 4, 6P, 13
IP68

10P

Male and female cordsets

Features:

- Designed for low amperage control systems in abusive manufacturing environments
- Factory molded-to-cable ends provide quick connect capability
- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time and lessens the need for special tools
- Environmentally sealed ends rated at IP68 to prevent the ingress of dust, water and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Vibration-resistant ratchet couplers assure cordsets stay coupled under load
- Contact inserts securely bonded in place with a proprietary process; superior side load strength is in excess of 100 lbs., five times industry standards
- End-to-cable molded junction securely bonds for excellent reliability
- Gold plated contacts provide superior conductivity and corrosion resistance
- Easy stripping jacketed cable design allows fast stripping with simple hand tools; high flex copper stranding delivers improved flexibility; multiple cable type options

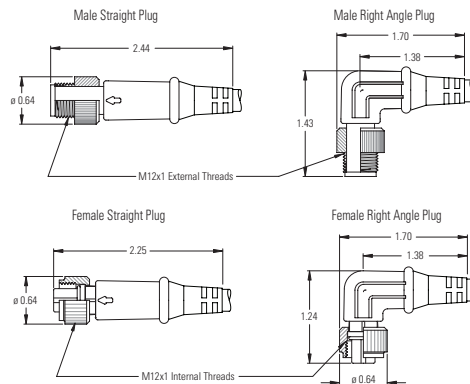


Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL Listed 2238, File No. E468986

DC single key (M12) male and female plugs

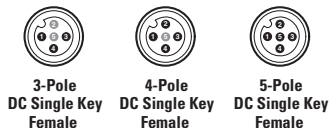
- Cable options – PVC (UR AWM Style 2661)
- Straight and right angle body designs
- Vibrationproof ratchet coupler design
- Zinc coupler
- Meets current IEC 61076-2-101 specifications



3-pole: 4A; 4-pole: 4A; 5-pole: 4A / 3-pole: 5A; 4-pole: 5A, 300 VDC
2, 3, 4, 5 conductor 18 & 22 AWG Euro DC color code

Micro DIN pin configurations and color coding:

Female faces



Conductor color coding

Euro DC	Euro DC	Euro DC
1. BRN	1. BRN	1. BRN
2. N/C	2. WHT	2. WHT
3. BLU	3. BLU	3. BLU
4. BLK	4. BLK	4. BLK
5. N/C	5. N/C	5. GRY

Male faces



Conductor color coding

Euro DC	Euro DC	Euro DC
1. BRN	1. BRN	1. BRN
2. N/C	2. WHT	2. WHT
3. BLU	3. BLU	3. BLU
4. BLK	4. BLK	4. BLK
5. N/C	5. N/C	5. GRY

Ordering information – AC dual key cordsets:

Part number example
AM4B2MG010M

AM

Product type

AM	Micro-Mini AC cordset
----	-----------------------

Number of poles

3	3-pole
4	4-pole
5	5-pole
6	6-pole

4

B

Plug gender and configuration

B	Male, straight plug, external thread, pigtail	M
C	Female, straight plug, internal thread, pigtail	F
E	Male, 90° plug, external thread, pigtail	M
F	Female, 90° plug, internal thread, pigtail	F
H	Male, 90° plug to female, straight plug	M F
K	Male, 90° plug to female, 90° plug	M F
R	Male, straight plug to female, straight plug	M F
T	Male, straight plug to female, 90° plug	M F

2MG

Cable specifications

2MG	22 AWG PVC – U.S. AC color code
3MG ^A	18 AWG PVC – U.S. AC color code

010M

Length

010M	1 meter
020M	2 meters
030M	3 meters
050M	5 meters
100M	10 meters

Ordering information – DC single key cordsets:

Part number example
DM4B2ME010M

DM

Product type

DM	Micro-Mini DC cordset
----	-----------------------

Number of poles

3	3-pole
4	4-pole
5	5-pole

4

B

Plug gender and configuration

B	Male, straight plug, external thread, pigtail	M
C	Female, straight plug, internal thread, pigtail	F
E	Male, 90° plug, external thread, pigtail	M
F	Female, 90° plug, internal thread, pigtail	F
H	Male, 90° plug to female, straight plug	M F
K	Male, 90° plug to female, 90° plug	M F
R	Male, straight plug to female, straight plug	M F
T	Male, straight plug to female, 90° plug	M F

2ME

Cable specifications

2ME	22 AWG PVC – Euro DC color code
3ME ^A	18 AWG PVC – Euro DC color code

010M

Length

010M	1 meter
020M	2 meters
030M	3 meters
050M	5 meters
100M	10 meters

^A This option is not part of the standard product offering and is considered to be made to order. Please contact Customer Service for ordering information and lead time.

LynxPOWER passive Micro-Mini receptacles

AC dual key

10P

Male and female receptacles

Features:

- Designed for low amperage AC control systems in abusive manufacturing environments
- Available in straight designs with standard color coding in AWM/MTW Style 1430/1569 leads
- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time and lessens the need for special tools
- Environmentally sealed connectors rated at IP68 to prevent the ingress of dust, water and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Contact inserts securely bonded in place with a proprietary process
- Receptacle-to-pigtail potting bonds securely for excellent reliability
- Gold over nickel-plated contacts provide superior conductivity and corrosion resistance
- Internal contact support maintains pin location and proper keyway alignment
- Internal gasket assures watertight performance to IP68 and NEMA 6P ratings

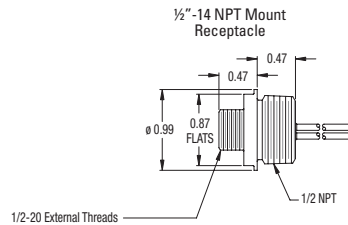


Certifications and compliances:

- UL recognized, cURus, File No. E169897

AC dual key male and female receptacles

- Cable options – PVC single conductor flying leads
- 1/2"-14 NPT mounting threads
- Aluminum shell
- Meets current SAE #H1738-2 specifications



3-pole: 4A; 4-pole: 4A; 5-pole: 4A; 6-pole: 3A, 300 VAC
3, 4, 5, 6 conductor 18 & 22 AWG U.S. AC color code

AC dual key pin configurations and color coding:

Female faces



**3-Pole
Dual Key AC**

Conductor color coding

Standard
1. GRN
2. RED/BLK
3. RED/WHT



**4-Pole
Dual Key AC**

Standard
1. RED/BLK
2. RED/WHT
3. RED
4. GRN



**5-Pole
Dual Key AC**

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK



**6-Pole
Dual Key AC**

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK
6. RED/BLU

Male faces



**3-Pole
Dual Key AC**

Conductor color coding

Standard
1. GRN
2. RED/BLK
3. RED/WHT



**4-Pole
Dual Key AC**

Standard
1. RED/BLK
2. RED/WHT
3. RED
4. GRN



**5-Pole
Dual Key AC**

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK



**6-Pole
Dual Key AC**

Standard
1. RED/WHT
2. RED
3. GRN
4. RED/YEL
5. RED/BLK
6. RED/BLU

10P

LynxPOWER passive Micro-Mini receptacles

DC single key

10P

Male and female receptacles

Features:

- Designed for low amperage AC control systems in abusive manufacturing environments
- Available in straight designs with standard color coding in AWM/MTW Style 1430/1569 leads
- Modular components allow for easy expansion and reconfiguration without the need for re-wiring; eliminates the need for multiple cable assemblies, reduces installation time, reduces design time and lessens the need for special tools
- Environmentally sealed connectors rated at IP68 to prevent the ingress of dust, water and other contaminants to reduce maintenance and downtime; internal gasket assures watertightness
- Contact inserts securely bonded in place with a proprietary process
- Receptacle-to-pigtail potting bonds securely for excellent reliability
- Gold over nickel-plated contacts provide superior conductivity and corrosion resistance
- Internal contact support maintains pin location and proper keyway alignment
- Internal gasket assures watertight performance to IP68 and NEMA 6P ratings



DR4E2CE003M
male receptacle



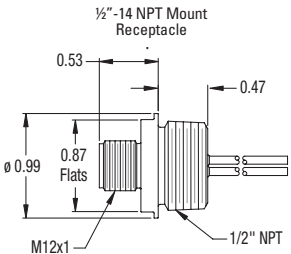
DR4D2CE003M
female receptacle

Certifications and compliances:

- UL recognized, cURus, File No. E169897

DC DIN male and female receptacles

- Cable options – PVC single conductor flying leads
- 1/2"-14 NPT mounting threads available
- Aluminum shell
- Meets current IEC 61076-2-101 specifications



3-pole: 4A; 4-pole: 4A; 5-pole: 4A, 300 VDC
2, 3, 4, 5, 6 conductor 18 & 22 AWG U.S. AC color code

DC DIN pin configurations and color coding:

Female
faces



3-Pole
DC Single Key
Female

Conductor
color
coding

Euro DC
1. BRN
2. N/C
3. BLU
4. BLK
5. N/C



4-Pole
DC Single Key
Female

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. N/C



5-Pole
DC Single Key
Female

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. GRY

Male
faces



3-Pole
DC Single Key
Male

Conductor
color
coding

Euro DC
1. BRN
2. N/C
3. BLU
4. BLK
5. N/C



4-Pole
DC Single Key
Male

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. N/C

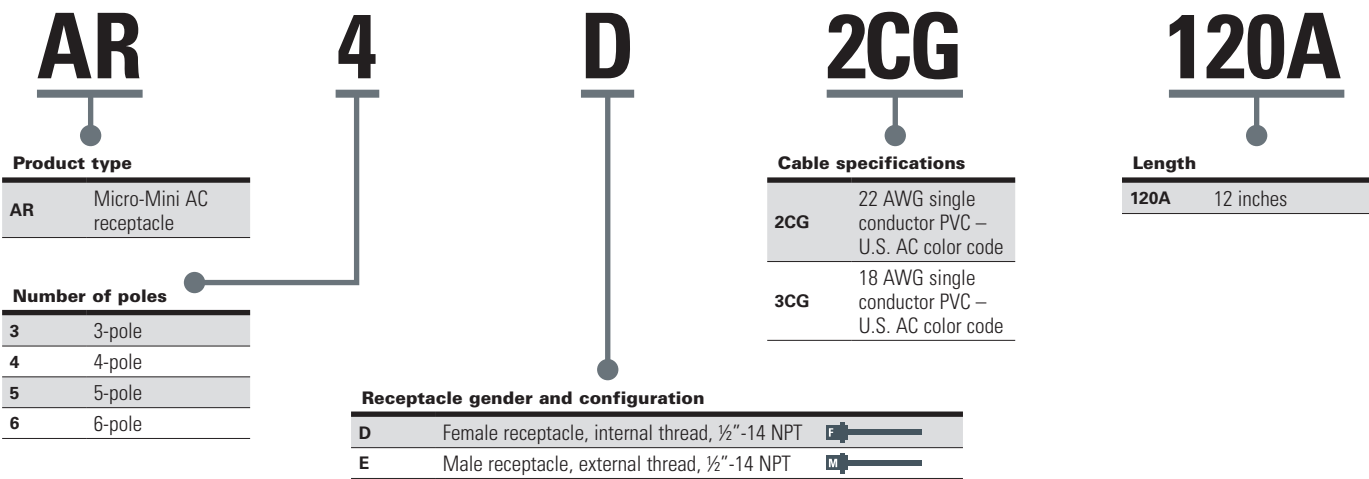


5-Pole
DC Single Key
Male

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. GRY

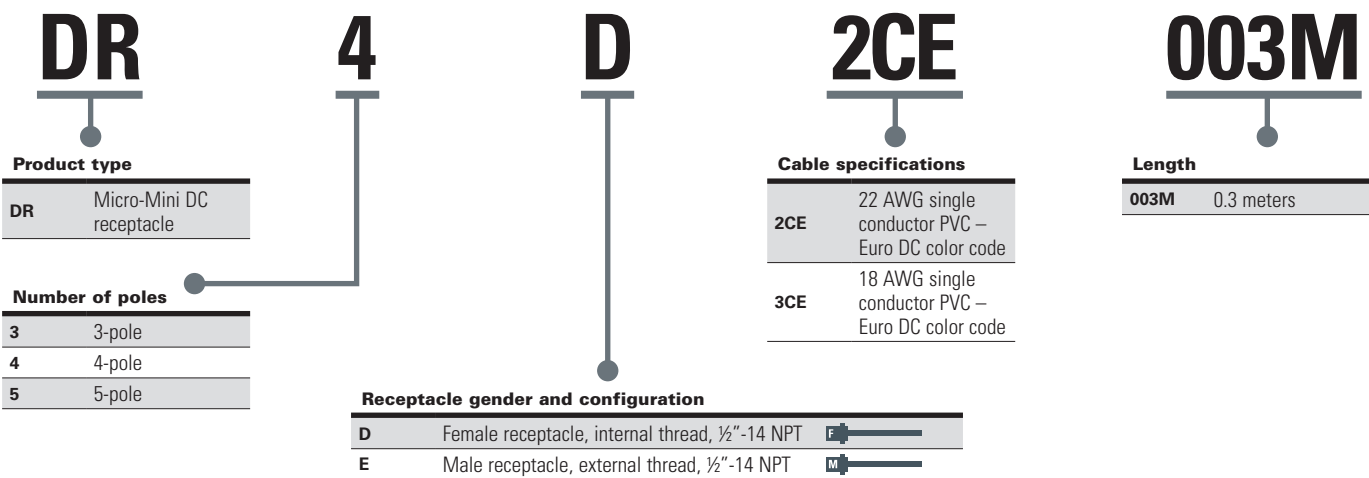
Ordering information – AC dual key receptacles:

Part number example
AR4D2CG120A



Ordering information – DC single key receptacles:

Part number example
DR4D2CE003M



AC dual key and DC single key tees

Features:

- Factory molded tees offer quick and easy circuit branching options, eliminating the need for hard wired boxes
- Tees are available with molded-to-cable drops as well as molded wiring harnesses with multiple drops
- Compact body reduces the overall connectivity footprint
- Flexible gender configurations allow the user to customize the product to fit their application

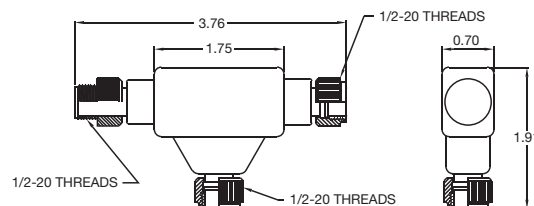
Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897
- CSA certified, File No. LR13963



AC dual key tapping tees

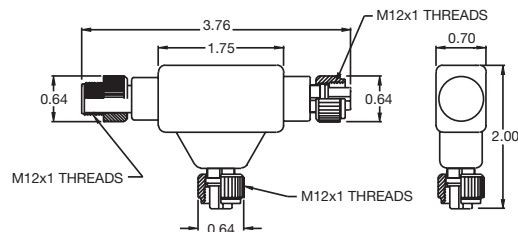
- Standard and low profile configurations
- 300V 105°C
- Epoxy coated zinc die cast hardware
- Meets current SAE #H1738-2 specifications
- Vibration-resistant ratchet design (die cast coupler)



3-pole: 5A, 300V
3 conductor 18 AWG

DC single key tapping tees

- 300V 105°C
- Black epoxy coated hardware
- Meets current SAE #H1738-2 specifications
- Vibration-resistant ratchet design (die cast coupler)



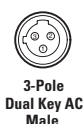
3-pole: 5A, 300V
3 conductor 18 AWG

AC dual key pin configurations and color coding:

Female faces



Male faces



Conductor color coding

Standard
1. GRN
2. RED/BLK
3. RED/WHT

DC single key pin configurations and color coding:

Female faces



Male faces



Conductor color coding

Euro DC
1. BRN
2. N/C
3. BLU
4. BLK
5. N/C

DC single key field attachables

Features:

- Field attachable connectors allow users to quickly repair damaged molded cordsets
- Allow users to create custom cordset lengths using their own cable
- Optional 316 stainless steel couplers support food and beverage applications
- Easy to use set screw terminals provide secure conductor to contact termination



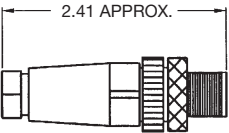
DF4C1
female DC
field attachable

Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897

DC single key field attachable

- PG7 and PG9 thread (grommet) sizes
- Female and male in-line versions
- Straight configuration
- Terminal screw attachments
- Meets current SAE #H1738-2 specifications



4-pole: 4A, 300V; 5-pole: 3A, 300V
4, 5 conductor

DC single key pin configurations and color coding:

Female
faces



4-Pole
DC Single Key
Female



5-Pole
DC Single Key
Female

Male
faces



4-Pole
DC Single Key
Male



5-Pole
DC Single Key
Male

Conductor
color
coding

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. N/C

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. GRY

Ordering information – field attachables:

Part number example

DF4B1

DF

Product type

DF Micro-Mini DC
field attachable

4

Number of poles

4 4-pole
5 5-pole

B

Gender and configuration

B Male in-line, external thread, straight
C Female, internal thread, straight

1

Cable range

1 4-6mm (PG7)
2 6-8mm (PG9)

Ordering information – accessories:

DC single key caps

Cat. #	Description
DMC	Cap for Micro-Mini AC single key, male, internal thread
DFC	Cap for Micro-Mini AC single key, female, external thread



LynxPOWER passive Micro-Mini 4-port plex boxes

NEMA 1, 3, 4, 6P, 13
IP68

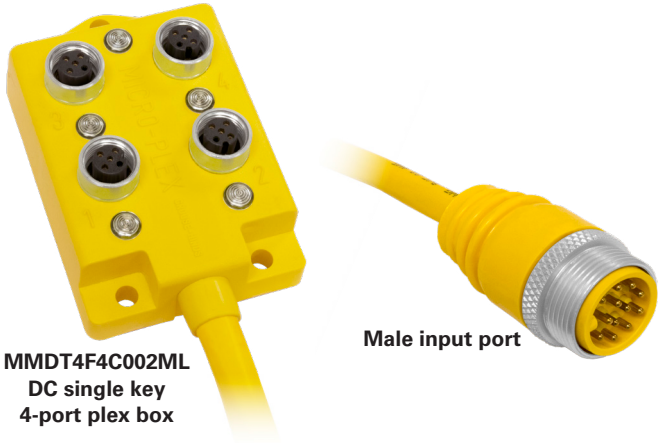
10P

Features:

- Allow for consolidation of signal into one cable, reducing the number of cables needed
- PNP wiring configuration with LED indicator lights
- 4-port and 8-port output options standard

Certifications and compliances:

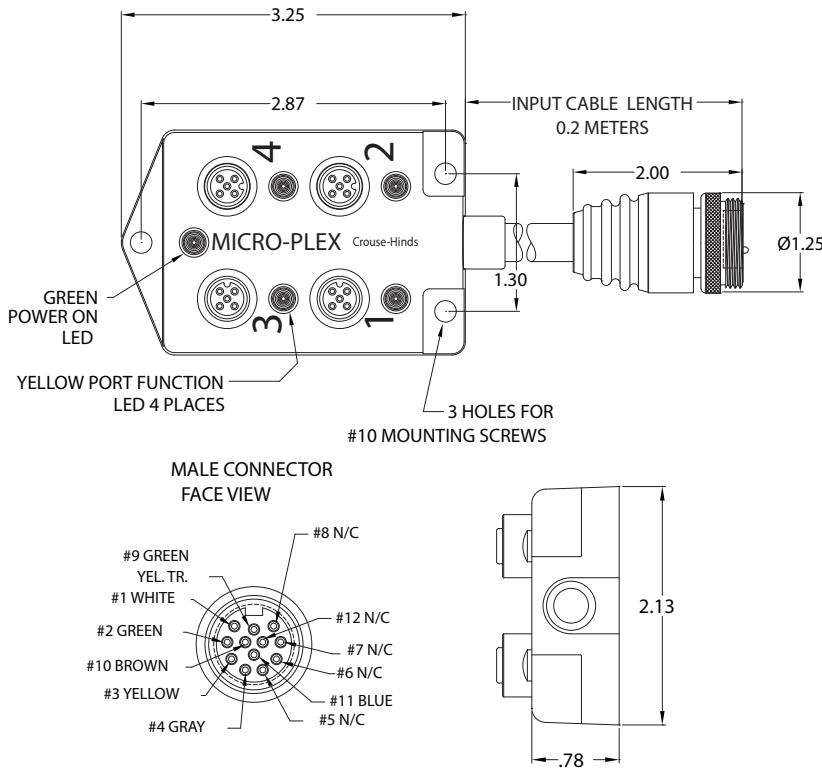
- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897
- CSA certified, File No. LR13963



Ordering information:

Cat. #	No. of ports	Output port gender	Output port no. of holes	Wiring configuration	Input port gender	Input port no. of holes	Voltage
MMDT4F4A002ML	4	Female	4	Parallel	Male	12	300 VDC
MMDT4F4C002ML	4	Female	4	PNP	Male	12	10-30 VDC

Dimensions:



DC single key pin configurations and color coding:

Female faces



4-Pole
DC Single Key
Female

Male faces



4-Pole
DC Single Key
Male

Conductor
color
coding

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. N/C

LynxPOWER passive Micro-Mini 8-port plex boxes

NEMA 1, 3, 4, 6P, 13
IP68

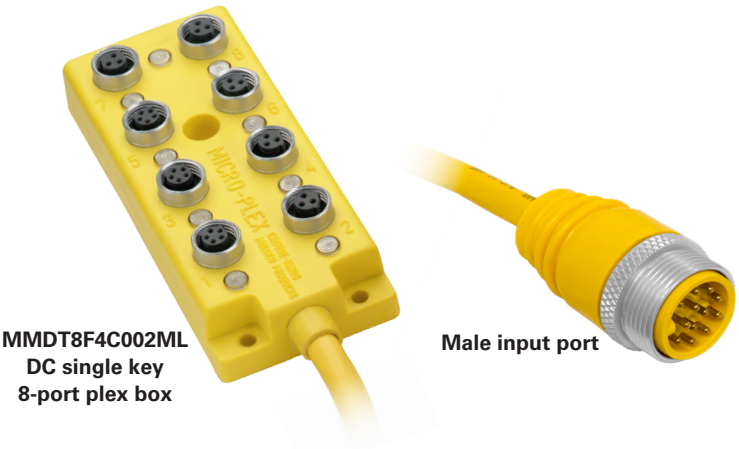
10P

Features:

- Allow for consolidation of signal into one cable, reducing the number of cables needed
- PNP wiring configuration with LED indicator lights
- 4-port and 8-port output options standard

Certifications and compliances:

- NEMA 1, 3, 4, 6P, 13
- IEC IP68
- UL recognized, cURus File No. E169897
- CSA certified, File No. LR13963



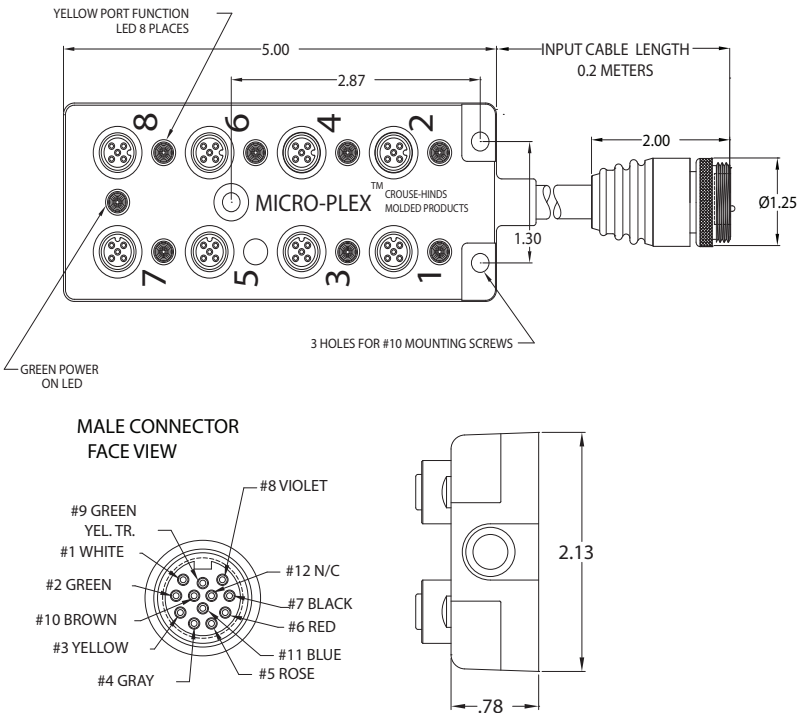
MMDT8F4C002ML
DC single key
8-port plex box

Male input port

Ordering information:

Cat. #	No. of ports	Output port gender	Output port no. of holes	Wiring configuration	Input port gender	Input port no. of holes	Voltage
MMDT8F4A002ML	8	Female	4	Parallel	Male	12	300 VDC
MMDT8F4C002ML	8	Female	4	PNP	Male	12	10-30 VDC

Dimensions:



DC single key pin configurations and color coding:

Female
faces



4-Pole
DC Single Key
Female

Male
faces



4-Pole
DC Single Key
Male

Conductor
color
coding

Euro DC
1. BRN
2. WHT
3. BLU
4. BLK
5. N/C

10P