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|---|---|------------|
| General Information | Quick Selection Guide | page R8–2 |
| | Selection Criteria | page † |
| Mini Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page R8–3 |
| | Male Cordsets | page † |
| | Patchcords | page † |
| | Receptacles | page † |
| | Distribution Boxes | page † |
| | Terminal Chambers | page † |
| | Bulkhead Pass-Thru Connectors | page † |
| Mini-Plus Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page R8–4 |
| | Patchcords | page † |
| | Receptacles | page † |
| DC Micro Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page R8–5 |
| | Male Cordsets | page † |
| | Patchcords | page † |
| | Splitters | page † |
| | Y-Cables | page † |
| | Receptacles | page † |
| | Distribution Boxes | page † |
| | Terminal Chambers/Field Attachable Connectors | page † |
| | Bulkhead Pass-Thru Connectors | page † |
| AC Micro Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page R8–6 |
| | Male Cordsets | page † |
| | Patchcords | page † |
| | Splitters | page † |
| | Receptacles | page † |
| | Distribution Boxes | page † |
| | Terminal Chambers | page † |
| EAC Micro Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page R8–7 |
| | Receptacles | page † |
| Pico Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page R8–8 |
| | Patchcords | page † |
| | Splitters | page † |
| | Y-Cables | page † |
| | Receptacles | page † |
| | Distribution Boxes | page † |
| | Field Attachable Connectors | page † |
| M23 Quick-Disconnect Style | Introduction | page † |
| | Cordsets | page † |
| | Patchcords | page † |
| | Receptacles | page † |
| | Terminal Chambers | page † |
| Accessories | Sealing Caps | page † |
| | Coupling Adaptors | page † |
| | Mounting Accessories | page † |
| Indexes | Catalog Number Index | page R10–1 |
| | Comprehensive Product Index | page R11–1 |

† For more information on these products, please refer to the *On-Machine Connectivity* catalog (M115–CA001A–EN–P) or our web site (www.ab.com/catalogs).

Connection Systems
Quick Selection Guide

| | | | | | |
|-------------------------|--|--|--|--|--|
| |  |  |  |  |  |
| | Female Cordsets | Male Cordsets | Patchcords | Splitters | Y-Cables |
| Description | <ul style="list-style-type: none"> • Cable with integral female connector on one end | <ul style="list-style-type: none"> • Cable with integral male connector on one end | <ul style="list-style-type: none"> • Cable with integral connector on each end | <ul style="list-style-type: none"> • Cable with single male connector attached to two female connectors | <ul style="list-style-type: none"> • Cable with single male connector attached to two female connectors |
| Features | <ul style="list-style-type: none"> • Straight or right angle • Multiple standard lengths • Braided and unbraided • Standard and LED versions • Female connector provides direct interface to sensors and other field devices | <ul style="list-style-type: none"> • Straight or right angle • Multiple standard lengths • Male connector provides interface to distribution boxes or DC micro ArmorBlock DeviceNet I/O | <ul style="list-style-type: none"> • Straight or right angle • Multiple standard lengths • Direct connection between field devices and distribution boxes or Allen-Bradley ArmorBlock DeviceNet I/O | <ul style="list-style-type: none"> • Straight or right angle female connectors • Multiple standard lengths • Direct connection between field devices and distribution boxes or Allen-Bradley ArmorBlock DeviceNet I/O | <ul style="list-style-type: none"> • Straight or right angle female connectors • Multiple standard lengths • Direct connection between field devices and distribution boxes or Allen-Bradley ArmorBlock DeviceNet I/O |
| Available Models | <ul style="list-style-type: none"> • Mini R8-3 • Mini Illuminated † • Mini Coiled † • Mini-Plus † • DC Micro R8-4 • DC Micro R8-5 • DC Micro Illuminated † • DC Micro Coiled † • AC Micro R8-6 • AC Micro Coiled † • EAC Micro R8-7 • Pico R8-8 • Pico Illuminated † • M23 † | <ul style="list-style-type: none"> • Mini † • DC Micro † • AC Micro † | <ul style="list-style-type: none"> • Mini to Mini † • Mini-Plus † • DC Micro † • DC Micro to Pico † • DC Micro to Mini † • AC Micro † • Pico † • M23 † | <ul style="list-style-type: none"> • DC Micro Splitter † • AC Micro Splitters † • Pico Splitter † • DC Micro to Pico Splitter † | <ul style="list-style-type: none"> • DC Micro to DC Micro Y-Cables † • DC Micro to Conductor Y-Cables † • DC Micro to Pico Y-Cable † |
| |  |  |  |  |  |
| | Receptacles | Bulkhead Pass-Thru Connectors | Distribution Boxes | Terminal Chambers | Accessories |
| Description | <ul style="list-style-type: none"> • Panel mount connector with flying lead | <ul style="list-style-type: none"> • Panel mount connector, male to female | <ul style="list-style-type: none"> • Factory prewired distribution module connecting 4, 6, or 8 devices through a single cable. | <ul style="list-style-type: none"> • Field attachable connectors | <ul style="list-style-type: none"> • Sealing caps, coupling adaptors, and other connection systems accessories |
| Features | <ul style="list-style-type: none"> • Male and female configurations • 1/2in NPT, 1/4in NPT or M14 threads • Threaded metal housing | <ul style="list-style-type: none"> • 4- and 5-pin configurations • 1/2in NPT, 1/4in NPT or M14 threads • Threaded metal housing | <ul style="list-style-type: none"> • 4, 6, or 8 port, parallel-wired • Cable or quick-disconnect main connection • Standard and LED versions | <ul style="list-style-type: none"> • Screw, solder or insulation displacement connector styles • Straight or right angle • Multiple sizes for varying cable jacket diameters | <ul style="list-style-type: none"> • Rugged durable construction • Versions to interface with male or female connectors • Multiple sizes for various connector types |
| Available Models | <ul style="list-style-type: none"> • Mini Receptacle † • DC Micro † • AC Micro † • EAC Micro † • Pico † • M23 † | <ul style="list-style-type: none"> • Mini Bulkhead Pass-thru † • DC Micro Bulkhead Pass-thru † | <ul style="list-style-type: none"> • Mini † • Mini Illuminated † • DC Micro † • DC Micro Illuminated † • AC Micro † • Pico Illuminated † | <ul style="list-style-type: none"> • Mini † • DC Micro † • AC Micro † • Pico † • M23 † | <ul style="list-style-type: none"> • Sealing caps † • Coupling adaptors † • Mounting nuts † • Sealing washers † |

† The *On-Machine Connectivity* catalog can be found on our web site at www.ab.com/catalogs.



4-Pin Straight Mini Cordset

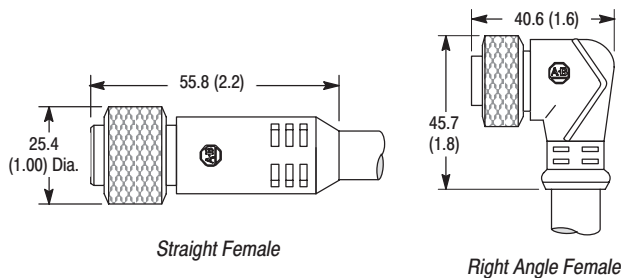
Specifications

| | |
|---------------------|--|
| Coupling Nut | Epoxy-Coated Zinc |
| Connector | Molded oil-resistant PVC |
| Contacts | Gold-plated palladium/nickel |
| Cable | Oil-resistant yellow PVC jacket, 16AWG stranded copper, 600V, UL recognized and CSA certified, STOOW-A |
| Cable O.D. | 3/c = 10mm (0.41in) 4/c = 11mm (0.42in) 5/c = 13mm (0.50in) 6/c = 14mm (0.54in) |
| Temperature | -20°C to +105°C (-4°F to +221°F) |

Features

- UL recognized and CSA certified
- Heavy duty STOOW-A 16AWG cable
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- One-piece molded body design

Dimensions—mm (in)

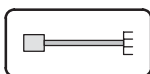


Straight Female

Right Angle Female

Dimensions are approximate. Illustrations are not drawn to scale.

Product Selection



| Female Connector (Sensor End) | Cable | | | Catalog Number | | | |
|----------------------------------|---|----------------------|---|---|----------------|--------------|-------------|
| | Face View of Female | Wire Color | Wire Rating | Length—m (ft) | Straight | Right Angle | |
| | 1 Green 2 Black 3 White | 16AWG 600V 13A | 1.8 (6) | 889N-F3AFC-6F | 889N-R3AFC-6F | | |
| | | | 3.7 (12) | 889N-F3AFC-12F | 889N-R3AFC-12F | | |
| | | | 6.1 (20) | 889N-F3AFC-20F | 889N-R3AFC-20F | | |
| | 1 Black 2 Blue 3 Brown 4 White | 16AWG 600V 10A | 1.8 (6) | 889N-F4AF-6F | 889N-R4AF-6F | | |
| | | | 3.7 (12) | 889N-F4AF-12F | 889N-R4AF-12F | | |
| | | | 6.1 (20) | 889N-F4AF-20F | 889N-R4AF-20F | | |
| | 1 Black 2 White 3 Red 4 Green | | 1.8 (6) | 889N-F4AFC-6F | 889N-R4AFC-6F | | |
| | | | 3.7 (12) | 889N-F4AFC-12F | 889N-R4AFC-12F | | |
| | | | 6.1 (20) | 889N-F4AFC-20F | 889N-R4AFC-20F | | |
| | 1 Black 2 Blue 3 Orange 4 Brown 5 White | 16AWG 600V 8A | 1.8 (6) | 889N-F5AF-6F | 889N-R5AF-6F | | |
| | | | 3.7 (12) | 889N-F5AF-12F | 889N-R5AF-12F | | |
| | | | 6.1 (20) | 889N-F5AF-20F | 889N-R5AF-20F | | |
| | 1 White 2 Red 3 Green 4 Orange 5 Black | | 1.8 (6) | 889N-F5AFC-6F | 889N-R5AFC-6F | | |
| | | | 3.7 (12) | 889N-F5AFC-12F | 889N-R5AFC-12F | | |
| | | | 6.1 (20) | 889N-F5AFC-20F | 889N-R5AFC-20F | | |
| | | | 1 Blue 4 White 2 Orange 5 Brown 3 Red 6 Black | 3.7 (12) | 889N-F6AFC-12F | — | |
| | | | | 1 White 4 Orange 2 Red 5 Black 3 Green 6 Blue | 5 (16.4) | 889N-F6AF-5 | 889N-R6AF-5 |
| | | | | | 10 (32.8) | 889N-F6AF-10 | — |

Note: This page represents many of our most popular mini-style cordsets. A wide variety of other mini connection products are available in the *On-Machine Connectivity* catalog on our website at www.ab.com/catalogs.

Cordsets, Mini-Plus Style



10-Pin Mini-Plus Cordset

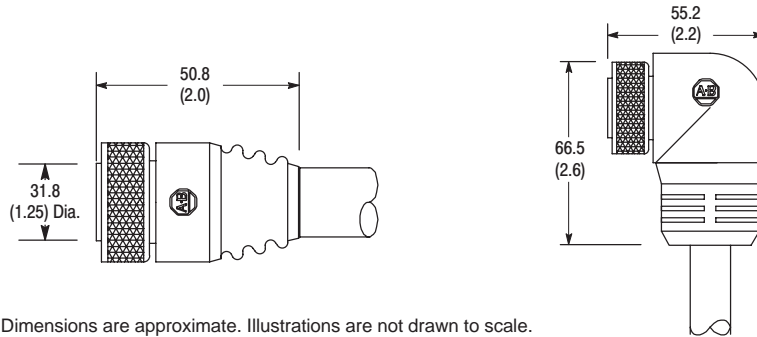
Specifications

| | |
|------------------------------|--|
| Coupling Nut | Anodized Aluminum with clear sealant |
| Connector | Molded oil-resistant PVC |
| Contacts | Gold-plated palladium/nickel |
| Cable Cable Approvals | Oil-resistant yellow PVC jacket, 16AWG stranded copper, 600V UL recognized and CSA certified, STOOW-A |
| Cable O.D. | 9/c = 17mm (0.67in) 10/c = 17mm (0.67in) 12/c = 18mm (0.71in) |
| Temperature | -40°C to +105°C (-40°F to +221°F) |

Features

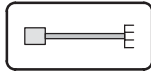
- UL recognized and CSA certified
- Heavy duty STOOW-A 16AWG cable
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- One-piece molded body design

Dimensions—mm (in)



Dimensions are approximate. Illustrations are not drawn to scale.

Product Selection



| Female Connector (Sensor End) | | Cable | | | Catalog Number |
|-------------------------------|-----------------|---|---------------------|---------------|----------------|
| Face View of Female | Connector Style | Wire Color | Wire Rating | Length—m (ft) | |
| | Straight | 1 Orange 2 Blue 3 Red/Black Tr 4 Green/Black Tr 5 White 6 Red 7 Green 8 White/Black Tr 9 Black | 16AWG 600V 7A | 2 (6.5) | 889N-F9AF-2 |
| | | | | 5 (16.4) | 889N-F9AF-5 |
| | | | | 10 (32.8) | 889N-F9AF-10 |
| | Straight | 1 Orange 2 Blue 3 White/Black Tr 4 Red/Black Tr 5 Green/Black Tr 6 Orange/Black Tr 7 Red 8 Green 9 Black 10 White | | 2 (6.5) | 889N-F10AF-2 |
| | | | | 5 (16.4) | 889N-F10AF-5 |
| | | | | 10 (32.8) | 889N-F10AF-10 |
| | Straight | 1 Orange 2 Blue 3 White/Black Tr 4 Red/Black Tr 5 Green/Black Tr 6 Orange/Black Tr 7 Blue/Black Tr 8 Black/White Tr 9 Green 10 Red 11 White 12 Black | | 2 (6.5) | 889N-F12AF-2 |
| | | | | 5 (16.4) | 889N-F12AF-5 |
| | | | | 10 (32.8) | 889N-F12AF-10 |
| | Right Angle | | | 5 (16.4) | 889N-R12AF-5 |
| | | | 10 (32.8) | 889N-R12AF-10 | |

Note: This page represents many of our most popular mini-plus style cordsets. A wide variety of other mini-plus connection products are available in the *On-Machine Connectivity* catalog on our website at www.ab.com/catalogs.



4-Pin DC Micro Cordset

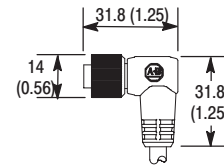
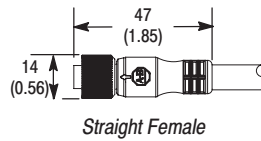
Specifications

| | |
|---------------------|---|
| Coupling Nut | Epoxy-coated zinc |
| Connector | Molded oil-resistant polyurethane body |
| Contacts | Gold over nickel-plated brass |
| Cable | Yellow oil-resistant PVC jacket, 18AWG or 22AWG conductors, 300V, UL recognized and CSA certified |
| Cable O.D. | 4/c = 5mm (0.21in) 5/c = 6.5mm (0.25in) 4/c (18AWG) = 6.5mm (0.25in) |
| Temperature | -20°C to +105°C (-4°F to +221°F) |

Features

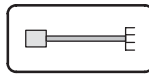
- Ratcheting coupling nut for vibration resistance
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- UL recognized and CSA certified

Dimensions—mm (in)



Dimensions are approximate. Illustrations are not drawn to scale.

Product Selection



| Female Connector (Sensor End) | | Cable | | | Catalog Number |
|-------------------------------|-----------------|---|---------------------|---------------|----------------|
| Face View of Female | Connector Style | Wire Color | Wire Rating | Length—m (ft) | |
| | Straight | 1 Brown 2 White 3 Blue 4 Black | 22AWG 300V 3A | 2 (6.5) | 889D-F4AC-2 |
| | | | | 5 (16.4) | 889D-F4AC-5 |
| | 10 (32.8) | | | 889D-F4AC-10 | |
| | Right Angle | | | 2 (6.5) | 889D-R4AC-2 |
| | | | | 5 (16.4) | 889D-R4AC-5 |
| | 10 (32.8) | | | 889D-R4AC-10 | |
| | Straight | | 18AWG 300V 3A | 2 (6.5) | 889D-F4AE-2 |
| | | | | 5 (16.4) | 889D-F4AE-5 |
| 10 (32.8) | 889D-F4AE-10 | | | | |
| Right Angle | 2 (6.5) | 889D-R4AE-2 | | | |
| | 5 (16.4) | 889D-R4AE-5 | | | |
| 10 (32.8) | 889D-R4AE-10 | | | | |
| | Straight | 1 Brown 2 White 3 Blue 4 Black 5 Grey | 22AWG 300V 3A | 2 (6.5) | 889D-F5AC-2 |
| | | | | 5 (16.4) | 889D-F5AC-5 |
| | | | | 10 (32.8) | 889D-F5AC-10 |
| | Right Angle | | | 2 (6.5) | 889D-R5AC-2 |
| | | | | 5 (16.4) | 889D-R5AC-5 |
| | | | | 10 (32.8) | 889D-R5AC-10 |

Note: For optional stainless steel coupling nuts, add "S" to bulletin number (e.g., 889DS-F4AC-2).

Note: This page represents many of our most popular DC micro-style cordsets. A wide variety of other DC micro connection products are available in the *On-Machine Connectivity* catalog on our website at www.ab.com/catalogs.

Connection Systems

Cordsets, AC Micro Style



3-Pin AC Micro Cordset

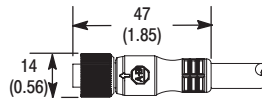
Specifications

| | | |
|---------------------|--|--|
| Coupling Nut | Epoxy-coated zinc | |
| Connector | Molded oil-resistant PVC | |
| Contacts | Gold-plated palladium/nickel | |
| Cable | Oil-resistant PVC jacket, 22AWG or 18AWG conductors, 300V, UL recognized and CSA certified | |
| Cable O.D. | 3/c (22AWG) = 6mm (0.24in) 3/c (18AWG) = 7.4mm (0.29in) 4/c (18AWG) = 7.4mm (0.29in) | 5/c (18AWG) = 7.4mm (0.29in) 6/c (22AWG) = 7.4mm (0.29in) |
| Braiding | Shield aluminum mylar stranding 26 x #36 (AWG) for 3-pin and 6-pin 22AWG cable only | |
| Temperature | -20°C to +105°C (-4°F to +221°F) | |

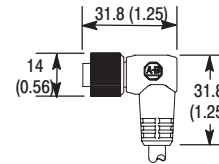
Features

- UL recognized and CSA certified
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- Heavy-duty re-inforcing braiding (3 and 6 conductor only) can be used as a grounded shield to reduce noise
- Ratcheting coupling nut for vibration resistance

Dimensions—mm (in)



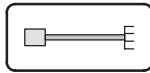
Straight Female



Right Angle Female

Dimensions are approximate. Illustrations are not drawn to scale.

Product Selection



| Female Connector (Sensor End) | Cable | | | Catalog Number | | | |
|-------------------------------|--|---------------------------------------|--|----------------------|----------------------|----------------------|----------------------|
| | Face View of Female | Wire Color | Wire Rating | Length—m (ft) | Straight | Right Angle | |
| | 1 Green (GND) 2 Red/Black Tr. 3 Red/White Tr. | Braided 22AWG 300V 3A | 2 (6.5) | 889R-F3ACA-2 | 889R-R3ACA-2 | | |
| | | | 5 (16.4) | 889R-F3ACA-5 | 889R-R3ACA-5 | | |
| | | | 10 (32.8) | 889R-F3ACA-10 | 889R-R3ACA-10 | | |
| | | | 1 Red/Black Tr. 2 Red/White Tr. 3 Red 4 Green (GND) | 18AWG 300V 3A | 2 (6.5) | 889R-F3AEA-2 | 889R-R3AEA-2 |
| | | | | | 5 (16.4) | 889R-F3AEA-5 | 889R-R3AEA-5 |
| | | | | | 10 (32.8) | 889R-F3AEA-10 | 889R-R3AEA-10 |
| | 1 Red/White Tr. 2 Red 3 Green 4 Red/Yellow Tr. 5 Red/Black Tr. | 2 (6.5) | 889R-F4AEA-2 | | 889R-R4AEA-2 | | |
| | | 5 (16.4) | 889R-F4AEA-5 | | 889R-R4AEA-5 | | |
| | | 10 (32.8) | 889R-F4AEA-10 | | 889R-R4AEA-10 | | |
| | 1 Red/White Tr. 2 Red 3 Green 4 Red/Yellow Tr. 5 Red/Black Tr. 6 Red/Blue Tr. | Braided 22AWG 300V 3A | 2 (6.5) | 889R-F5AEA-2 | 889R-R5AEA-2 | | |
| | | | 5 (16.4) | 889R-F5AEA-5 | 889R-R5AEA-5 | | |
| | | | 10 (32.8) | 889R-F5AEA-10 | 889R-R5AEA-10 | | |
| | 1 Red/White Tr. 2 Red 3 Green 4 Red/Yellow Tr. 5 Red/Black Tr. 6 Red/Blue Tr. | Braided 22AWG 300V 3A | 2 (6.5) | 889R-F6AEA-2 | 889R-R6AEA-2 | | |
| | | | 5 (16.4) | 889R-F6AEA-5 | 889R-R6AEA-5 | | |
| | | | 10 (32.8) | 889R-F6AEA-10 | 889R-R6AEA-10 | | |

Note: This page represents many of our most popular AC micro-style cordsets. A wide variety of other AC micro connection products are available in the *On-Machine Connectivity* catalog on our website at www.ab.com/catalogs.



4-Pin EAC Micro Cordset

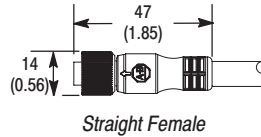
Specifications

| | |
|---------------------|--|
| Coupling Nut | Epoxy coated zinc |
| Connector | Molded oil-resistant polyurethane body |
| Contacts | Gold over nickel-plated brass |
| Cable | Yellow oil-resistant PVC jacket, 22AWG conductors, 300V, UL recognized and CSA certified |
| Cable O.D. | 5mm (0.21in) |
| Temperature | -20°C to +105°C (-4°F to +221°F) |

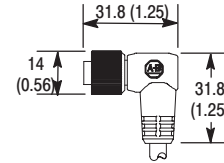
Features

- UL recognized and CSA certified
- Ratcheting coupling nut
- Highly visible yellow PVC jacket offers good oil and chemical resistance

Dimensions—mm (in)



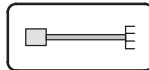
Straight Female



Right Angle Female

Dimensions are approximate. Illustrations are not drawn to scale.

Product Selection



| Female Connector (Sensor End) | | Cable | | | Catalog Number |
|-------------------------------|---------------------|---|---------------------|---------------------|---------------------|
| Face View of Female | Connector Style | Wire Color | Wire Rating | Length—m (ft) | |
| | Straight | 1 Brown 2 Blue 3 Not Used 4 Green/Yellow | 22AWG 300V 3A | 2 (6.5) | 889B-F3AC-2 |
| | | | | 5 (16.4) | 889B-F3AC-5 |
| | 10 (32.8) | | | 889B-F3AC-10 | |
| | Right Angle | | | 2 (6.5) | 889B-R3AC-2 |
| 5 (16.4) | | 889B-R3AC-5 | | | |
| | Straight | 1 Brown 2 Blue 3 Black 4 Green/Yellow | | 10 (32.8) | 889B-R3AC-10 |
| | | | | 2 (6.5) | 889B-F4AC-2 |
| | | | | 5 (16.4) | 889B-F4AC-5 |
| | Right Angle | | 10 (32.8) | 889B-F4AC-10 | |
| | | | 2 (6.5) | 889B-R4AC-2 | |
| | | | 5 (16.4) | 889B-R4AC-5 | |
| 10 (32.8) | 889B-R4AC-10 | | | | |

Note: This page represents many of our most popular EAC micro-style cordsets. A wide variety of other EAC micro connection products are available in the *On-Machine Connectivity* catalog on our website at www.ab.com/catalogs.

Cordsets, Pico Style

Screw-On Style



Pico Screw-On Style

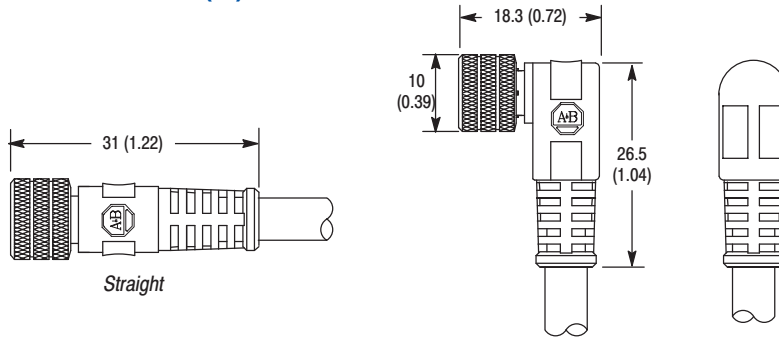
Specifications

| | |
|-------------------------|---|
| Coupling Nut | Nickel-plated brass |
| Connector | Molded TPE |
| Contacts | Gold-plated palladium/nickel |
| Cable | Oil-resistant yellow PVC jacket, 24AWG conductors, 300V, UL recognized, CSA certified |
| Cable O.D. | 3/c = 4.3mm (0.17in) 4/c = 4.6mm (0.18in) |
| Enclosure Rating | IP67, NEMA 6P |
| Temperature | -20°C to +105°C (-4°F to +221°F) |

Features

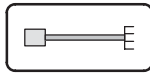
- Highly visible yellow PVC jacket offers good oil and chemical resistance
- Screw-on coupling nut for rugged reliable connection
- Ratcheting coupling nuts for vibration resistance

Dimensions—mm (in)



Dimensions are approximate. Illustrations are not drawn to scale.

Product Selection



| Female Connector (Sensor End) | | Cable | | | Catalog Number |
|-------------------------------|-----------------|---|------------------------------|---------------|---------------------|
| Face View of Female | Connector Style | Wire Color | Wire Rating | Length m (ft) | |
| | Straight | 1 Brown 3 Blue 4 Black | 24AWG 60V AC/75V DC 4A | 2 (6.5) | 889P-F3AB-2 |
| | | | | 5 (16.4) | 889P-F3AB-5 |
| | | | | 10 (32.8) | 889P-F3AB-10 |
| | Right Angle | | | 2 (6.5) | 889P-R3AB-2 |
| | | | | 5 (16.4) | 889P-R3AB-5 |
| | | | | 10 (32.8) | 889P-R3AB-10 |
| | Straight | 1 Brown 2 White 3 Blue 4 Black | 24AWG 60V AC/75V DC 4A | 2 (6.5) | 889P-F4AB-2 |
| | | | | 5 (16.4) | 889P-F4AB-5 |
| | | | | 10 (32.8) | 889P-F4AB-10 |
| | Right Angle | | | 2 (6.5) | 889P-R4AB-2 |
| | | | | 5 (16.4) | 889P-R4AB-5 |
| | | | | 10 (32.8) | 889P-R4AB-10 |

Note: PUR cable models also available (example: **889P-F3UB-2**).

Note: This page represents many of our most popular pico-style cordsets. A wide variety of other pico connection products are available in the *On-Machine Connectivity* catalog on our website at www.ab.com/catalogs.

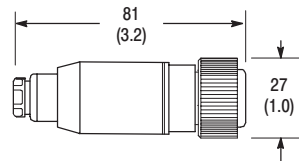
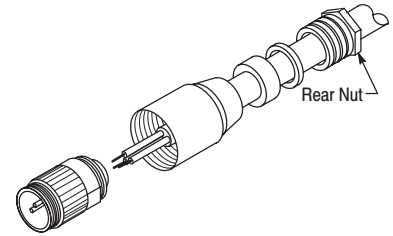
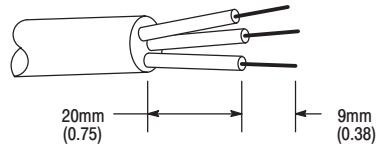


3-Pin Mini Male Terminal Chamber,
External Threads

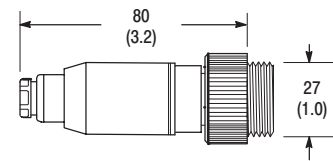
Specifications

| | |
|--------------------------|--------------------------------|
| Coupling Nut | Black anodized aluminum |
| Connector Shell | Glass-filled nylon |
| Contacts | Gold-plated palladium nickel |
| Maximum Wire Size | 16AWG (1.5mm ²) |
| Enclosure | NEMA 6; IP67 (IEC 529) |
| Temperature | -40°C to 90°C (-40°F to 194°F) |

Dimensions—mm (inches)



Straight Female and Male
(Internal Threads)



Straight Male
(External Threads)

Features

- Field installable
- Male and female style
- 3-, 4-, or 5-pin mini style
- Screw terminals provide simple and secure installation
- Allows easy modification of existing cable installations
- External and internal threaded configurations

Product Selection

| Face View of Female | Face View of Male | Cable Jacket Diameter—mm (in) | Rating | Catalog Number | | |
|---------------------|-------------------|-------------------------------|-------------|----------------|-----------------------|-----------------------|
| | | | | Female | Male Internal Threads | Male External Threads |
| | | 4.5-7 (0.18-0.28) | 600V 12A | 871A-TS3-N2 | 871A-TS3-NU2 | 871A-TS3-NM2 |
| | | 9-12 (0.35-0.47) | | 871A-TS3-N1 | 871A-TS3-NU1 | 871A-TS3-NM1 |
| | | 12-14 (0.47-0.55) | 600V 9A | 871A-TS4-N3 | 871A-TS4-NU3 | 871A-TS4-NM3 |
| | | 4.5-7 (0.18-0.28) | | 871A-TS4-N1 | 871A-TS4-NU1 | 871A-TS4-NM1 |
| | | 12-14 (0.47-0.55) | 600V 9A | 871A-TS5-N3 | 871A-TS5-NU3 | 871A-TS5-NM3 |
| | | 4.5-7 (0.18-0.28) | | 871A-TS5-N1 | 871A-TS5-NU1 | 871A-TS5-NM1 |

Terminal Chambers, AC and DC Micro Style

Screw Terminal Style

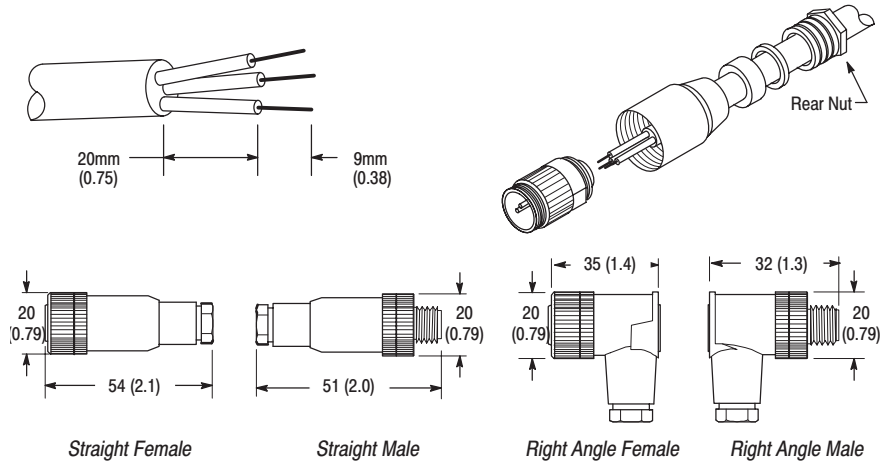


DC Micro Female
Straight Terminal Chambers

Specifications

| | |
|--------------------------|--------------------------------|
| Coupling Nut | Nickel-plated brass |
| Connector Shell | Nylon |
| Contacts | Gold-plated palladium nickel |
| Maximum Wire Size | 18AWG (0.75mm ²) |
| Enclosure | NEMA 6; IP67 (IEC 529) |
| Temperature | -40°C to 90°C (-40°F to 194°F) |

Dimensions—mm (inches)



Features

- Field installable
- 4- or 5-pin DC or 3-pin AC micro style
- Straight or right angle
- Screw terminals provide simple and secure installation
- Allows easy modification of existing cable installations

Product Selection—AC Micro Style

| Style | Cable Jacket Diameter—mm (in) | Rating | Face View | | Catalog Number | |
|-------------|-------------------------------|------------|-------------|--------------|----------------|-------------|
| | | | Female | Male | Female | Male |
| Straight | 4.0-6.0 (0.16-0.24) | 250V 4A | | | 871A-TS3-R | 871A-TS3-RM |
| Right Angle | | | | | 871A-TR3-R | 871A-TR3-RM |
| Straight | 6.0-8.0 (0.24-0.32) | | 871A-TS3-R1 | 871A-TS3-RM1 | | |
| Right Angle | | | 871A-TR3-R1 | 871A-TR3-RM1 | | |

Product Selection-DC Micro Style

| Style | Cable Jacket Diameter—mm (in) | Rating | Face View | | Catalog Number | |
|-------------|-------------------------------|-------------|--------------|--------------|----------------|--------------|
| | | | Female | Male | Female | Male |
| Straight | 4.0-6.0 (0.16-0.24) | 250V 4A | | | 871A-TS4-D | 871A-TS4-DM |
| | 6.0-8.0 (0.24-0.32) | | | | 871A-TS4-D1 | 871A-TS4-DM1 |
| Right Angle | 4.0-6.0 (0.16-0.24) | | 871A-TR4-D | 871A-TR4-DM | | |
| Straight | 6.0-8.0 (0.24-0.32) | | 871A-TS5-D1 | 871A-TS5-DM1 | | |
| Right Angle | | 871A-TR5-D1 | 871A-TR5-DM1 | | | |