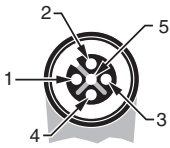
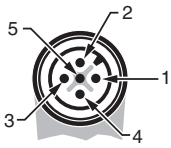
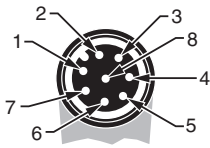


Pinout

Face View Pinout			
4-Pin		5-Pin	8-Pin
			
Female		Male	
			
			Male

Product Selection

Single-Cable Model Terminal Chambers



No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Rear Nut Thread Size	Cat. No.			
				Straight Female	Right Angle Female	Straight Male	Right Angle Male
4-Pin	4.0...6.0 (0.16...0.24)	250V, 4 A	PG 7	871A-TS4-D	871A-TR4-D	871A-TS4-DM	871A-TR4-DM
	6.0...8.0 (0.24...0.32)		PG 9	871A-TS4-D1	871A-TR4-D1	871A-TS4-DM1	871A-TR4-DM1
5-Pin	4.0...6.0 (0.16...0.24)		PG 7	871A-TS5-D	871A-TR5-D	871A-TS5-DM	871A-TR5-DM
	6.0...8.0 (0.24...0.32)		PG 9	871A-TS5-D1	871A-TR5-D1	871A-TS5-DM1	871A-TR5-DM1
8-Pin	6.0...8.0 (0.24...0.32)	60V, 2 A	PG 9	871A-TS8-D1	—	871A-TS8-DM1	—


Dual Cable Model Terminal Chambers



No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Rear Nut Thread Size	Cat. No.	
				Straight Male	Right Angle Male
4-Pin	Two cables 2.1...3.0 (0.08...0.12) or	250V, 4 A	PG 9	871A-VS4-DM	871A-VR4-DM
5-Pin	3.5...5.2 (0.14...0.21)			871A-VS5-DM	871A-VR5-DM

Embedded Thermistor Terminal Chambers



No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Wiring Diagram	Cat. No.*	
				Straight Male	Right Angle Male
4-Pin	3.0...6.5 (0.12...0.26)	250V, 4 A		871A-TS4CJC-DM	871A-TR4CJC-DM

\* This model comes with nickel plated brass coupling nuts as standard and is not available in stainless steel version.

**Note:** Stainless steel coupling nuts available, add an **S** to the bulletin number (e.g. 871AS-TS4-DM).

## Distribution Boxes DC Micro Style

4-Pin, One Signal per Port, Cable Connector



DC Micro 8-Port Distribution Box

### Features

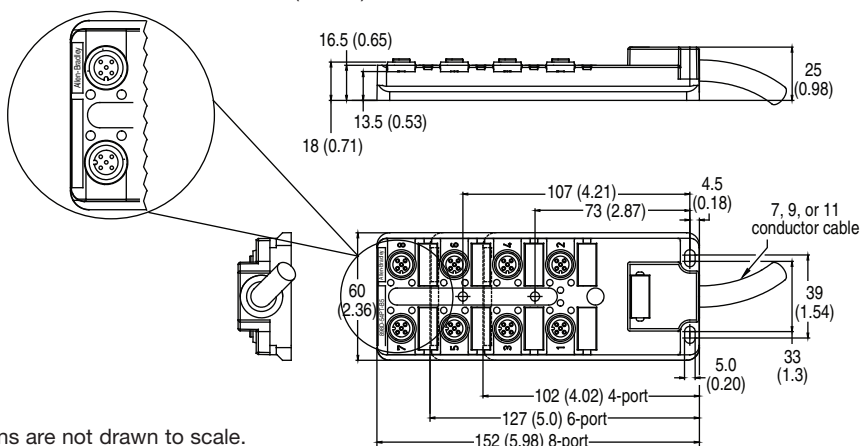
- Grey Pocan body offers good oil and chemical resistance
- 4 or 8 DC micro connectors
- PUR/PVC cable rated to flex to 1 million cycles
- LED versions for use with PNP (sourcing) or NPN (sinking) field devices
- Snap in markers for box and port identification can be used with 1492 Fast Track™ marker printer system

### Specifications

Certifications	UL Recognized and CSA Certified
<b>Mechanical</b>	
Material	Grey Pocan
Connector Insert Material	PBT
Receptacle Shell Material	Zinc diecast with nickel plating
Contact Material	Gold-plated palladium/nickel
Cable Type	Oil resistant black PUR/PVC jacket, (3) 18 AWG stranded copper, (4, 6, or 8) 22 AWG flex rated for 1 million cycles
Cable Diameter [mm (in.)]	4-port = 7.5 mm (0.30 in.)
	6-port = 7.8 mm (0.31 in.)
	8-port = 8.2 mm (0.32 in.)
<b>Environmental</b>	
Enclosure Type Rating	IP67, NEMA 6P, 1200 psi (8270 kPa) washdown
Operating Temperature [C (F)]	-20...+90° (-4...+194°)

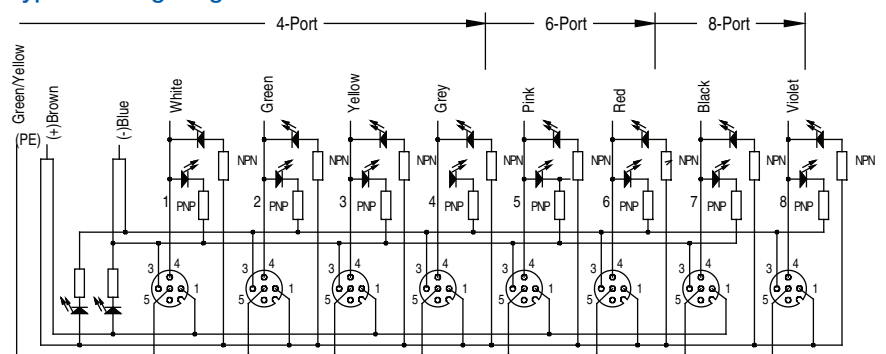
### Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Dimensions are in millimeters (inches). Illustrations are not drawn to scale.

### Typical Wiring Diagrams



**Note:** Wiring diagram shows both PNP and NPN wiring. Actual units use PNP LED, NPN LED or neither.

### Mating Components & Accessories

Description	Cat. No.	Page
Device patchcord *	889D-F4ACDM-1	3-44
Field Attachable Connectors	<b>871A-TS4-DM</b>	3-72
IDC Field Attachable Connectors	<b>889D-M4DC-H</b>	3-74
Sealing Caps*	1485A-M12	3-161
Labels†	1492-MS9X20	—

\* The 1 at the end of the cat. no. is for 1 m cable length. Replace the 1 with 2 (2 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard cable lengths.

\* 2 provided with box

† 1 set provided with box (see Industrial Controls catalog)

Distribution Boxes

DC Micro Style

4-Pin, One Signal per Port, Cable with Mini QD Connector



DC Micro 8-Port Distribution Box

Features

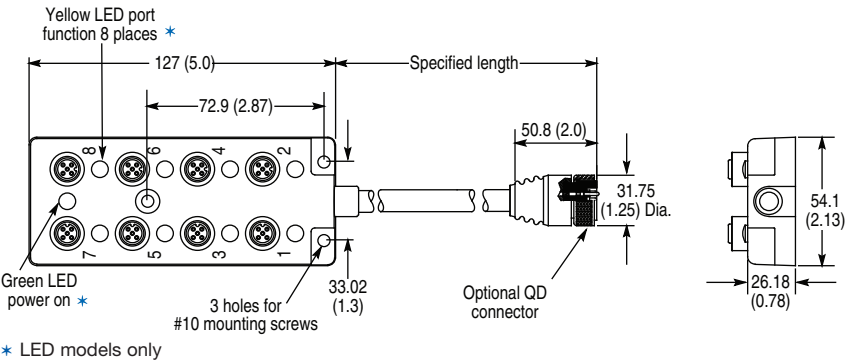
- Highly visible yellow PET body offers good oil and chemical resistance
- 4, 6, or 8 DC micro connectors
- LED versions for use with PNP (sourcing) field devices
- 12-pin mini connector on 8-port box for use with PanelConnect

Specifications

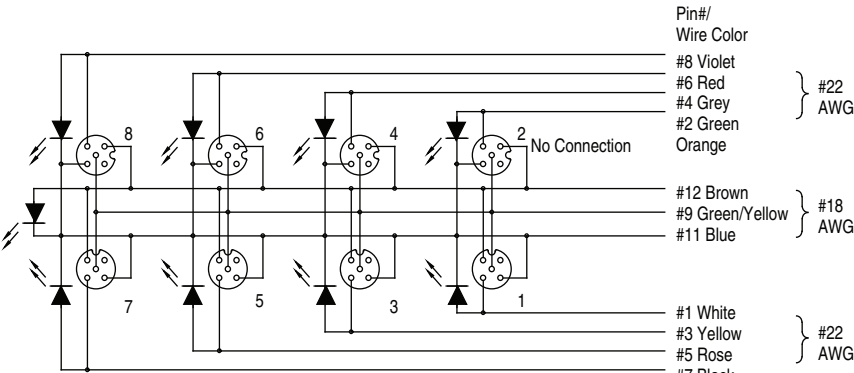
Certifications	UL Recognized and CSA Certified
<b>Mechanical</b>	
Material	Yellow PET
Connector Insert Material	PUR
Receptacle Shell Material	Anodized aluminum with clear sealant
Contact Material	Gold-plated palladium/nickel
Cable Type	Oil-resistant yellow PVC jacket, 18 AWG stranded copper conductors 300V
Cable Diameter [mm (in.)]	9 mm (0.36 in.)
<b>Environmental</b>	
Enclosure Type Rating	IP67, NEMA 6P, 1200 psi (8270 kPa) washdown
Operating Temperature [C (F)]	-20...+90° (-4...+194°)

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Typical Wiring Diagrams



Mating Components & Accessories

Description	Cat. No.	Page
Device patchcord *	889D-F4ACDM-1	3-44
Field Attachable Connectors	871A-TS4-DM	3-72
IDC Field Attachable Connectors	889D-M4DC-H	3-74
Sealing Caps	1485A-M12	3-161
Main Cordset *	889N-F†AF-❖	—

- \* The 1 at the end of the cat. no. is for 1 m cable length. Replace the 1 with 2 (2 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard cable lengths.
- † Replace the symbol with the number of pins in the main connector.
- ❖ Replace the symbol with 2 (2 m), 5 (5 m), or 10 (10 m) for standard cable lengths.

## Distribution Boxes

### DC Micro Style

4-Pin, Two Signals per Port, Cable Connector



DC Micro 8-Port Distribution Box

#### Features

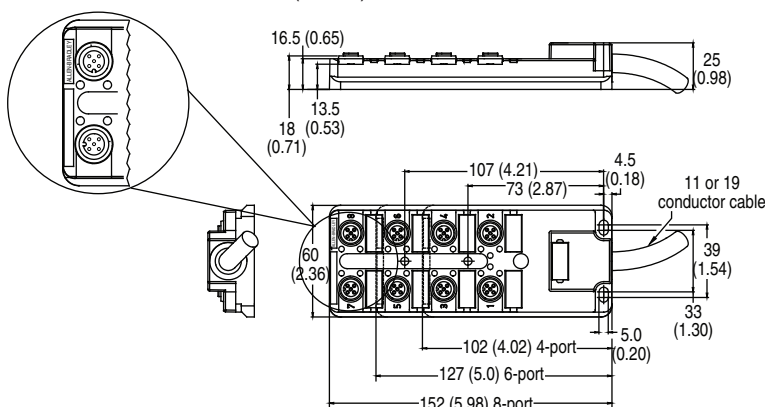
- Grey Pocan body offers good oil and chemical resistance
- 4 or 8 DC micro connectors
- PUR/PVC cable rated to flex to 1 million cycles
- LED version for use with PNP (sourcing)
- Snap-in markers for box and port identification can be used with 1492 Fast Track™ marker printer system

#### Specifications

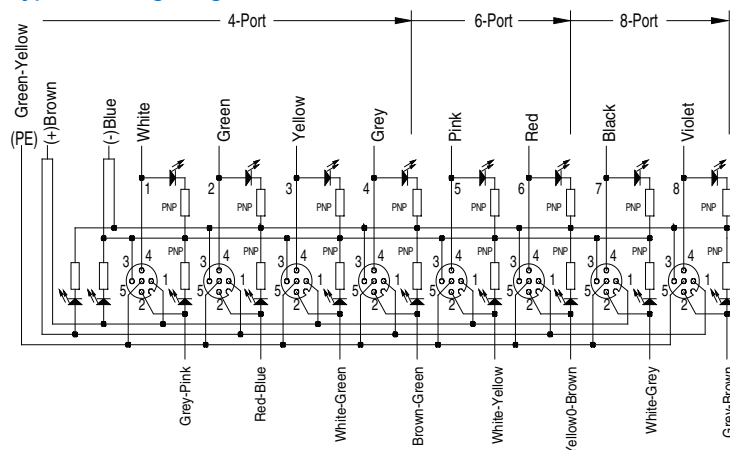
Certifications	UL Recognized and CSA Certified
<b>Mechanical</b>	
Material	Grey Pocan
Connector Insert Material	PBT
Receptacle Shell Material	Zinc diecast with nickel plating
Contact Material	Gold-plated palladium/nickel
Cable Type	Oil-resistant black PUR/PVC jacket, (3) 18 AWG stranded copper, (8 or 16) 22 AWG flex rated for 1 million cycles
Cable Diameter [mm (in.)]	4-port = 8.2 mm (0.32 in.) 8-port = 9.7 mm (0.38 in.)
<b>Environmental</b>	
Enclosure Type Rating	IP67, NEMA 6P, 1200 psi (8270 kPa) washdown
Operating Temperature [C (F)]	-20...+90° (-4...+194°)

#### Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



#### Typical Wiring Diagrams



**Note:** Wiring diagram shows PNP wiring. Actual units use PNP LED or no LED.

#### Mating Components & Accessories

Description	Cat. No.	Page
Device patchcord	* 889D-F4ACDM-1	3-44
Field Attachable Connectors	<b>871A-TS4-DM</b>	3-72
IDC Field Attachable Connectors	<b>889D-M4DC-H</b>	3-74
V Cable	* 879D-F4ACDM-1	3-60
Splitter	<b>879D-F4DM</b>	3-68
Sealing Caps*	1485A-M12	3-161
Labels†	1492-MS9X20	—

\* The 1 at the end of the cat. no. is for 1 m cable length. Replace the 1 with 2 (2 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard cable lengths.

\* 2 provided with box

† 1 set provided with box (see Industrial Controls catalog)

## DC Micro Style

4-Pin, One Signal per Port, Terminal Block Connector



DC Micro 8-Port Distribution Box

## Specifications

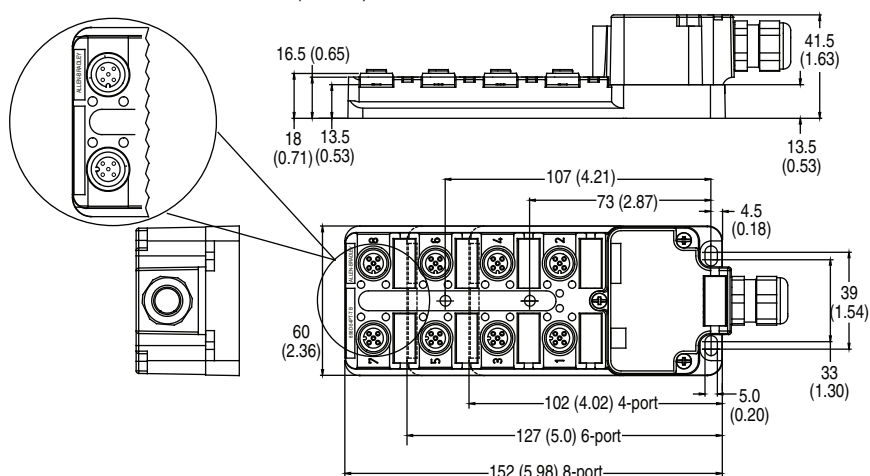
Certifications	UL Recognized and CSA Certified
<b>Mechanical</b>	
Material	Grey Pohan
Connector Insert Material	PBT
Receptacle Shell Material	Zinc diecast with nickel plating
Contact Material	Gold-plated palladium/nickel
Cable Gland	M20 mounting thread
Cable Diameter [mm (in.)]	6...10 mm (0.24...0.39 in)
<b>Environmental</b>	
Enclosure Type Rating	IP67; 1200 psi washdown
Operating Temperature [C (F)]	-20...+90° (-4...+194°)

## Features

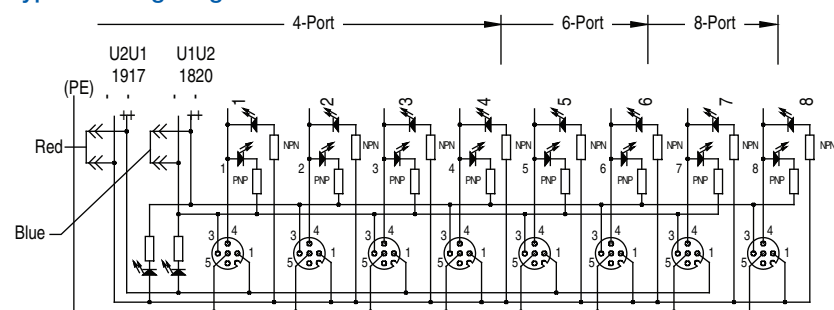
- Grey Pohan body offers good oil and chemical resistance
- 4, 6, or 8 DC micro connectors
- Screw terminal connection allows for customized home run wiring
- Moveable jumpers allow for box to have 1 common or 2 separate power sources
- LED version for use with PNP (sourcing) or NPN (sinking) field devices
- Snap-in markers for box and port identification can be used with 1492 Fast Track™ marker printer system

## Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



## Typical Wiring Diagrams



**Note:** Wiring diagram shows both PNP and NPN wiring. Actual units use PNP LED, NPN LED or neither.

## Mating Components &amp; Accessories

Description	Cat. No.	Page
Device patchcord	889D-F4ACDM-1	3-44
Field Attachable Connectors	871A-TS4-DM	3-72
IDC Field Attachable Connectors	889D-M4DC-H	3-74
Sealing Caps	1485A-M12	3-161
Labels	1492-MS9X20	—

\* The 1 at the end of the cat. no. is for 1 m cable length. Replace the 1 with 2 (2 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard cable lengths.

\* 2 provided with box

‡ 1 set provided with box (see Industrial Controls catalog)