

# Product Details and Certifications

## Cross Reference RA Part Number: PN-451562

 **Product: 889D-F4WE-1**

Description: Cordset 18 gauge DC Micro (M12), Female, Straight, 4-Pin, ToughWeld Cable, Unshielded, IEC Color Coded, No Connector, 1 meter (3.28 feet)



Representative Photo Only (actual product may vary based on configuration sections)

### SENSOR END DATA - FEMALE

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Female End Termination	DC Micro (M12)
Number of Pins	4-Pin
Female Connector Style	Femal, Straight

### I/O END DATA - MALE

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Male End Termination	Cable
Number of Pins	Same as Female End
Male Connector Style	No Connector

### CORD DATA

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Cable Type	ToughWeld Cable, Unshielded
Wire Size	18AWG
Cable Color Code	IEC Standard Color Code (European)

### SPECIAL CHARACTERISTICS

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Hardware Material	Epoxy coated Zinc
Special Characteristics	Standard

### CORD LENGTH DATA

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Units	Meters
Standard or Build-to-Order Cable Length	Build-to-Order Cable Length
Cable Length	1

### NOTES

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Pin Layout (Female End)	Pinout:
Pin Layout (Male End)	Flying Lead Color Codes:

# DC Micro Style

## Specifications



4-Pin DC Micro Cordset

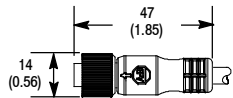
Certifications	UL Recognized and CSA Certified
<b>Mechanical</b>	
Coupling Nut	Epoxy-coated zinc
Material	Molded oil-resistant PUR
Contacts	Gold-plated brass
Cable	Allen-Bradley ToughLink TPE or ToughWeld CPE yellow jacket, 18 AWG or 22 AWG conductors, 300V; UL Recognized and CSA Certified
Bend Radius	10x diameter, min.
Cable Diameter	ToughLink: 9 mm (0.35 in.); ToughWeld: 9 mm (0.35 in.)
<b>Electrical</b>	
Cable Rating	ToughLink: UL AWM style 20328 600V VW-1 -50...+105°C water resistant, CSA AWM I/II A/B 105C 600V FT1 ToughWeld: UL -50°C SJOOW 90°C dry and 60°C water resistant, CSA -50°C SJOOW 90°C FT1, P-123-103, MSHA 300V
Assembly Rating	250V, 4 A
<b>Environmental</b>	
Enclosure Type Rating	IP67, NEMA 6P, 1200 psi (8270 kPa) washdown
Operating Temperature [C (F)]	ToughLink: -50...+105° (-58...+221°) ToughWeld: -50...90° (-58...+194°)

## Features

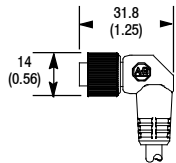


- Ratcheting coupling nut for vibrating resistance
- ToughLink TPE yellow jacket offers excellent oil and chemical resistance
- ToughWeld CPE yellow jacket provides excellent resistance to weld slag
- Heavy duty construction for rugged environments

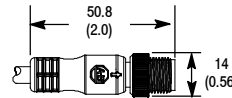
## Approximate Dimensions [mm (in.)]



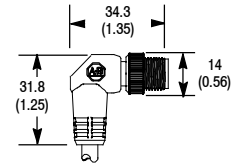
Straight Female



Right Angle Female

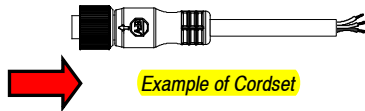


Straight Male

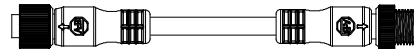


Right Angle Male

Dimensions are approximate. Illustrations are not drawn to scale.

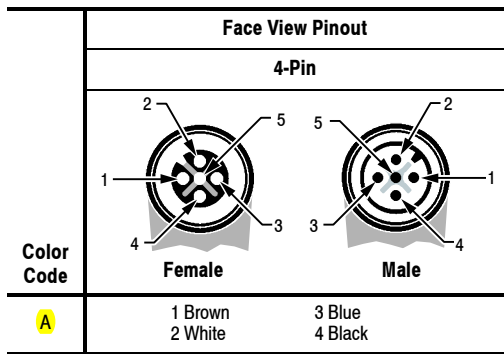


Example of Cordset



Example of Patchcord

**Pinout and Color Code**



**Product Selection**

**Cordsets**

Pin Count	Material	Assembly Rating	Color Code	Cat. No.			
				Straight Female	Right Angle Female	Straight Male	Right Angle Male
4-Pin	ToughLink (TPE)	22 AWG 250V 4 A	A	<b>889D-F4HC-①</b>	<b>889D-R4HC-①</b>	889D-M4HC-①	889D-E4HC-①
	<b>ToughWeld (CPE)</b>	<b>18 AWG 250V 4 A</b>	<b>A</b>	<b>889D-F4WE-①</b>	889D-R4WE-①	889D-M4WE-①	889D-E4WE-①
	ToughLink (TPE)	18 AWG 250V 4 A	A	889D-F4HE-①	889D-R4HE-①	889D-M4HE-①	889D-E4HE-①

**Patchcords**

Pin Count	Material	Assembly Rating	Cat. No.			
			Straight Female Straight Male	Straight Female Right Angle Male	Right Angle Female Straight Male	Right Angle Female Right Angle Male
4-Pin	ToughLink (TPE)	22 AWG 250V 4 A	889D-F4HCDM-②	889D-F4HCDE-②	889D-R4HCDM-②	889D-R4HCDE-②
	ToughWeld (CPE)	18 AWG 250V 4 A	<b>889D-F4WEDM-②</b>	889D-F4WEDE-②	889D-R4WEDM-②	889D-R4WEDE-②
	ToughLink (TPE)	18 AWG 250V 4 A	889D-F4HEDM-②	889D-F4HEDE-②	889D-R4HEDM-②	889D-R4HEDE-②

- ① Replace symbol with 1 (1 m), 2 (2 m), 5 (5 m), or 10 (10 m) for standard cable lengths.
- ② Replace symbol with 1 (1 m), 2 (2 m), 3 (3 m), 4 (4 m), 5 (5 m) or 6 (6 m) for standard lengths.

**Note:** Stainless steel connectors may be ordered by adding an "S" to the cat. no. (e.g. 889DS-F4HC-2).