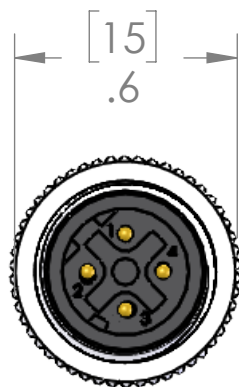


<b>MDC</b>	<b>WIRE</b>
<b>PIN #</b>	<b>COLOR</b>
<b>1</b>	<b>WHITE w/ORANGE</b>
<b>2</b>	<b>WHITE w/GREEN</b>
<b>3</b>	<b>ORANGE</b>
<b>4</b>	<b>GREEN</b>
<b>SHIELD</b>	<b>COUPLING</b>



Technical drawing of the cable connector showing side and end views with dimensions.

**Side View (Left):**

- Thread specification: **M12X1**
- Dimension **[46]** (mm) with tolerance **1.8** (mm) is indicated for the main body length.
- The connector body is black, and the cable jacket is blue.

**End View (Right):**

- Dimension **[6.4]** (mm) with tolerance **Ø.25** (mm) is indicated for the cable diameter.
- The cable jacket is blue, and the internal conductors are green, white, and red.

**Overall Length:**

- The overall length is indicated by a dimension line labeled **L**.

## BRAID TERMINATED TO COUPLING NUT

TABLE A		
P/N	L	STD?
MDE45PB-4MSP-1M	40" [1m]	YES
MDE45PB-4MSP-2M	79" [2m]	YES
MDE45PB-4MSP-3M	118" [3m]	NO
MDE45PB-4MSP-4M	157" [4m]	NO
MDE45PB-4MSP-5M	197" [5m]	YES
MDE45PB-4MSP-6M	236" [6m]	NO
MDE45PB-4MSP-8M	315" [8m]	NO
MDE45PB-4MSP-10M	393" [10m]	YES
MDE45PB-4MSP-15M	590" [15m]	YES
MDE45PB-4MSP-20M	786" [20m]	NO
MDE45PB-4MSP-25M	983" [25m]	NO
MDE45PB-4MSP-30M	1179" [30m]	NO

PARTS LISTED AS NOT BEING STANDARD  
MAY HAVE MINIMUM ORDER QUANTITIES

MATERIALS	
BODY:	BLACK PUR
CONTACTS:	GOLD PLATED COPPER ALLOY
CABLE:	
STYLE:	AWM CAT 5e
AWG:	24 AWG
JACKET:	TEAL PUR
VOLTAGE:	600V
SHIELD:	BRAIDED
COUPLING:	NICKEL PLATED BRASS
INSERT:	POLYAMIDE
O-RING:	N/A
APPROVALS	
US:	UL LISTED
CANADA:	C-UL LISTED
ROHS:	YES
CE & UKCA:	YES
RATINGS	
PROTECTION CLASS:	IEC IP69

**PROPRIETARY AND CONFIDENTIAL**

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VOLTS	300V
AMPS	4A
TEMP:	80°C

UNLESS OTHERWISE SPECIFIED:		DRAWN BY	ADM	MENCOM CORPORATION					
DIMENSIONS ARE IN INCHES AND [MM]		DRAWN DATE	08/24/2023				TITLE:		
		CHECKED BY	JJH						
		CHECK DATE	08/24/2023						
		COMMENTS:		SIZE   DWG. NO.   REV <b>B</b> MDE45PB-4MSP-ZZ <b>C</b>					
MATERIAL									
FINISH									
DO NOT SCALE DRAWING									

