NOTE: For all available options see the On-Machine product catalog:
M117-CA001

Ratings and additional options shown on back.

D

ARMORSTART
284E-FVD4P0Z-10-RR-SB-3

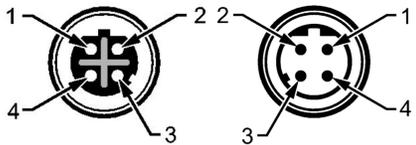**ARMORSTART LT**
290E-FBZ-G2-3

ARMORSTART LT
294E-FD2P5Z-G2-3

POWER & DISTRIBUTION PANEL

C

1 **ETHERNET M12 PATCHCORD**
1585D-M4TBDM-2

Cable Style: TPE, flex rated, unshielded
Assembly: 24 AWG, 4 pin
Cable Diameter: 0.23 in (5.84 mm)

2　　　**1**　　　**1**　　　**1**

2　　　**1**

2 **RJ45 TO M12 D-CODE RECEPTACLE**
1585D-D4TBJM-2

Cable Style: TPE, high flex, unshielded, twisted pair
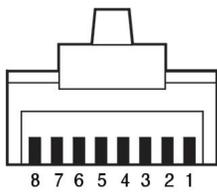**Assembly:** 24 AWG, 4 Conductor
Cable Diameter: 0.23 in (5.84 mm)

B

FEMALE　　　**MALE**

RJ45 8-PIN PINOUT

A

M12 PINOUT
1 White-Orange
2 White-Green

3 Orange
4 Green

RJ45 8-PIN PINOUT
1 White/Orange　5 White/Blue
2 Orange　　　　6 Green
3 White/Green　7 White/Brown
4 Blue　　　　　8 Brown

Rockwell Automation

ETHERNET NETWORK
QUICK REFERENCE GUIDE: 280-QR003A-EN-P

1 ETHERNET M12 PATCHCORD OPTIONS

1585D- M 4 T BD M- *

└─ **Lengths:** See Key Below

Second End Connector:
M-Male Straight
E- Male Right Angle
F- Female Straight (only with straight male first connector)

Jacket Material:
T- TPE: 24 AWG

First End Connector:
M- Male Straight
E- Male Right-Angle

*Lengths available in 0.3, 0.6, 1, 2, 5, 10, 15 and additional increments of 5m up to 75m.

Assembly: 24 AWG, 300 V

Ratings: IP67

2 RJ45 TO M12 D-CODE RECEPTACLE

1585D-D4TBJM-*: 4-Pin M12 D-Code Front Mount Receptacle to RJ45 Patchcord.

*Lengths available in 0.3, 0.6, 1, 2, 5, 10, 15 and additional increments of 5m up to 75m.

Ratings: IP67

1585A-DD4JD- M12 Female to RJ45 Cat 5e Female Field Attachable.

ETHERNET RJ45 PATCHCORD OPTIONS

RJ45 Patchcords can be used in combination with a field receptacle in lieu of the RJ45 to M12 D-Code Receptacle.

1585J-M 4 T BJM- *

└─ **Lengths:** See Key

Jacket Material:
T- Teal High Flex TPE

4- 4 Conductors
8- 8 Conductors

*Lengths available in 0.3, 0.6, 1, 2, 5, 10, 15 and additional increments of 5m up to 75m.

ADDITIONAL LENGTHS

If additional lengths are desired use a cable spool and RJ45 Crimp connector
RJ45 CRIMP CONNECTOR WITH BOOT: 1585J-M8CC-C   150 V, 1.5 A

CABLE SPOOL

RJ45 CRIMP

ADDITIONAL OPTIONS

Additional Options such as jacket material, conductors, and shielding are available. See the On-Machine Connectivity Products Catalog or contact your local Allen-Bradley distributor.

BILL OF MATERIALS

Qty	Catalog #	Description
	Ethernet Media	
4	1585D-M4TBDM-2	Ethernet M12 Patchcord
2	1585D-D4TBJM-2	RJ45 to M12 D-Code Receptacle

*Bill of materials pictured in diagram, only to be used as an example.