M12 8 Pin X-Code Male Plug Shielded Field Termination Connector, 22-26AWG, Toolless IDC, Die Cast, Short Body, Ethernet 10gig Category 6a



M12FT8XM

Configuration

- Body Style Straight
- Wire Gauge (AWG) 22-26
- Connector Specification IEC 61076-2-109

Features

- M12 8 Position, X-Code, Male, Shielded Field Termination Connector suitable for Category 6a Ethernet and Power over Ethernet (PoE) applications
- Fit for 22AWG to 26AWG stranded or solid conductors
- IP67 rated when properly mated
- Fit for cables with an overall OD of 0.217" (5.5mm) to 0.354" (9.0mm) and no special tools are required for termination (installation instructions come packaged with each part)
- Shorter than typical 50.3mm die cast metal body

Applications

- I/O connectivity
- Installer, engineer or technician's kits
- Sensors and actuators
- Industrial control and factory automation
- Industrial Ethernet including standards such as 10BASE-T, 100BASE-TX and 1000BASE-T
- PoE (Power over Ethernet)

Description

The L-com M12FT8XM is an M12 8 Position, X-Code, male, shielded field termination connector designed for Category 6a Ethernet and Power over Ethernet (PoE) applications. This connector is suitable for 22AWG to 26AWG stranded or solid conductors and features a shorter than typical 50.3mm die cast metal body. Our L-com M12FT8XM connector is IP67 rated when properly mated and fits cables with an overall outside diameter of 0.217" (5.5mm) to 0.354" (9.0mm).

We offer a toolless IDC field termination design that requires no special tools for installation, and installation instructions are packaged with each part. We have designed the L-com M12FT8XM for a variety of industrial Ethernet applications, including 10BASE-T, 100BASE-TX, and 1000BASE-T standards. This connector is also suitable for I/O connectivity, sensors and actuators, industrial control and factory automation, installer, engineer or technician's kits, and Power over Ethernet (PoE) applications. Our L-com M12FT8XM shielded field termination connector provides a practical solution for Category 6a Ethernet installations where reliable field termination and industrial connectivity are required.

L-com has one of the largest in-stock selections of M12 field termination connectors with same-day shipment for local, international, and domestic orders. We offer reliable M12 X-Code shielded connectors for Category 6a Ethernet and Power over Ethernet (PoE) applications, supporting industrial Ethernet connectivity and factory automation installations. For further information on our M12 field termination connectors and related connectivity products, our expert technical support and knowledgeable sales team can help you find the right solution for your application.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Voltage, Max Operating (Working Voltage)		48		Vrms

Mechanical Specifications

Size

Length	1.97 in [50.04 mm]
Diameter	0.787in [19.99mm]

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Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C

Compliance Certifications

M12 8 Pin X-Code Male Plug Shielded Field Termination Connector, 22-26AWG, Toolless IDC, Die Cast, Short Body, Ethernet 10gig Category 6a from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

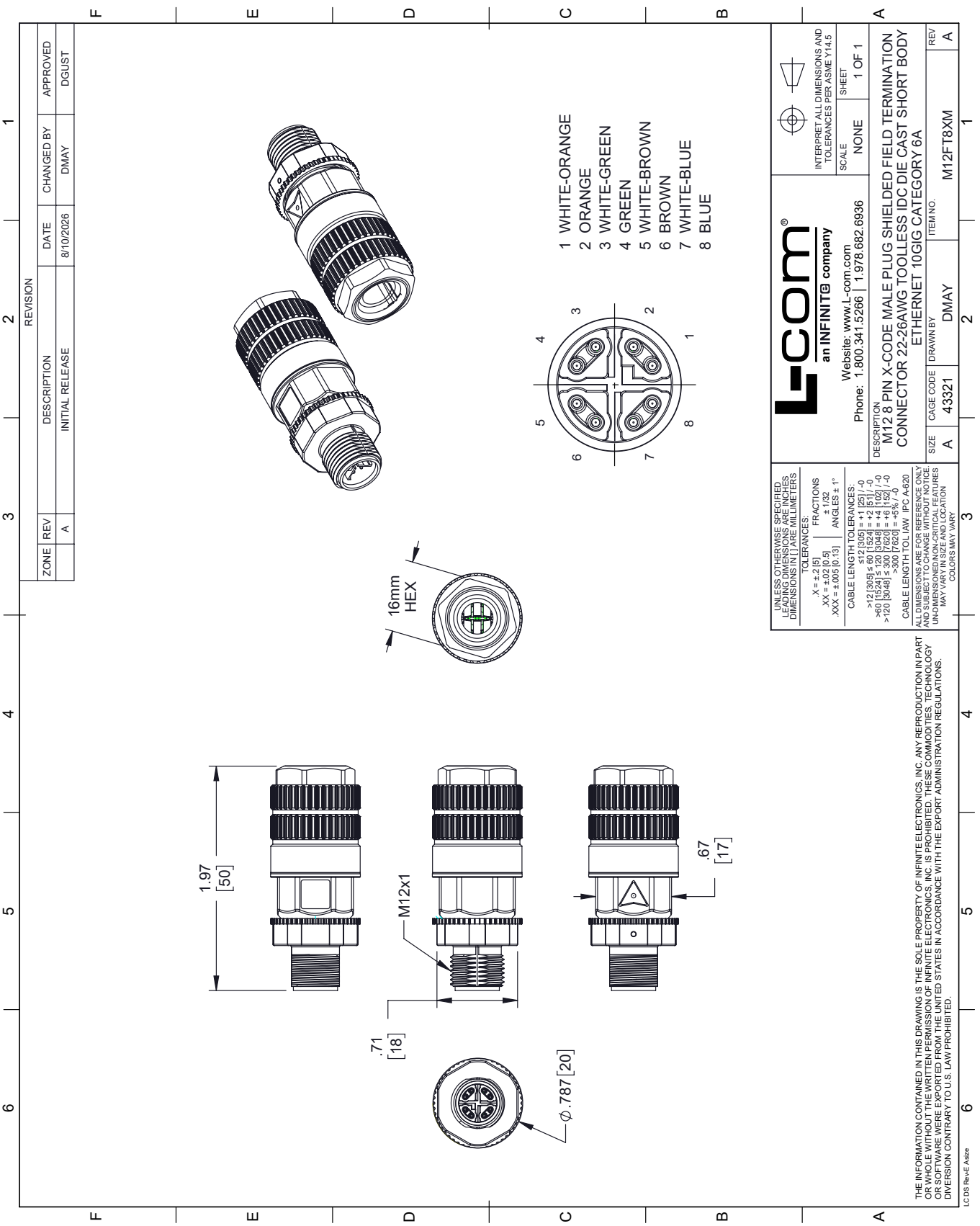
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M12FT8XM CAD Drawing

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