BRAD M12 ULTRA-LOCK 2.0

ADDING: Shielded cordsets compliant with IEC 61076-2-010 for use in harsh environments subject to weld slag, cutting oil or wide temperature ranges, including high-pressure washdowns of food and beverage equipment. This enables the use of push-pull Ultra-Lock connectors in these applications.

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BRAD M12 ULTRA-LOCK 2.0

Brad M12 Ultra-Lock 2.0 cordsets and receptacles meet the IEC 61076-2-010 standard and provide shielded and unshielded options in an easy-to-assemble interface, delivering increased productivity and cost savings while surpassing the performance and reliability of traditional threaded connectors.

Key Product Information

Category: Industrial Connectors

Industry Standard: IEC 61076-2-010

Connector: Ultra-Lock Shielded or Unshielded

Cable: Weld-slag, oil-resistant (WSOR)

Protection: IP69k (22 AWG shielded cable), IP67 (all other cables)

View Product Landing Page

Download Datasheet

New Series

120406	**Brad M12 Ultra-Lock 2.0 Shielded Cordsets**
120466	**Brad M12 Ultra-Lock 2.0 Plug Pullers**

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VITAL PRODUCT INFORMATION

What makes this product different from the competition?

Molex Brad M12 Ultra-Lock 2.0 connectors and cordsets deliver fast and simple push-pull connection and disconnection for industrial operations, ensuring the performance and reliability of traditional threaded connectors.

How does this product/solution create value for our customers?

With rugged PUR, PVC or weld-slag, oil-resistant (WSOR) TPE cable and both shielded and unshielded Ultra-Lock connector options, these cordsets offer reliable performance for a range of harsh environments. The Ultra-Lock system ensures a tight and reliable electrical connection and speeds assembly or disassembly operations, reducing system downtime.

What is the Molex Advantage?

Global manufacturing capability, robust engineering support, a wide network of distribution partners and the latest and most high-performance designs make Molex a unique partner in finding capability solutions for industrial automation challenges.

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MARKETS AND APPLICATIONS

Machine Tools/Machining Centers

Food and Beverage Line Equipment

Automation Controls

Industrial Automation

- Machine and line builders

- Machine tools/machining centers

- Automotive production equipment

- Manufacturing robots

- Special-purpose manufacturing machinery

- Sensor and actuator connections

- Multiple-I/O applications

- Difficult-to-access areas

- Safety areas

- Food and beverage line equipment

- Automation controls

- Material handling equipment

- Petrochemical complexes

- Telematics units

- Telecommunications base stations

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PRODUCT ADVANTAGES AND FEATURES

Enables simple and fast connections that cannot be either too tight or too loose

with an operator-independent connection that features reliable, field-proven push-pull technology

Affords push-click operation and delivers proven protection against water and dust

with an IP67 or IP69k protection rating depending on cable type

Allows customers to easily change between Ultra-Lock and traditional D-code threaded connection styles as needed

due to the universal, industry-standard M12 interface

Offers a durable and cost-effective connectivity solution

that features a robust spring carrier and housing with shielded and unshielded options

Delivers rugged, high-flex and high-torsion performance over a wide temperature range

with PUR, PVC or weld-slag, oil-resistant (WSOR) TPE cable to withstand multiple harsh-environment conditions including exposure to welding and cutting oil

Meets industry standards

complying with IEC 61076-2-010 standard

Key Specifications	
Interface	M12
Industry Standard	IEC 61076-2-010
Connector	Ultra-Lock Shielded or Unshielded
Cable	PUR, PVC or weld-slag, oil-resistant (WSOR) TPE
Protection	IP69k (22 AWG shielded cable), IP67 (all other cables)

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THANK YOU

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