

Brad M12 Ultra-Lock 2.0 >

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

FEATURES AND ADVANTAGES

Operator-independent connection

Offers reliable, field-proven push-pull technology that enables simple and fast connections that cannot be either too tight or too loose



M12 Ultra-Lock 2.0 Male Cordset

IP67 protection

Affords push, click and the proven protection against water and dust

Universal, industry-standard M12 interface

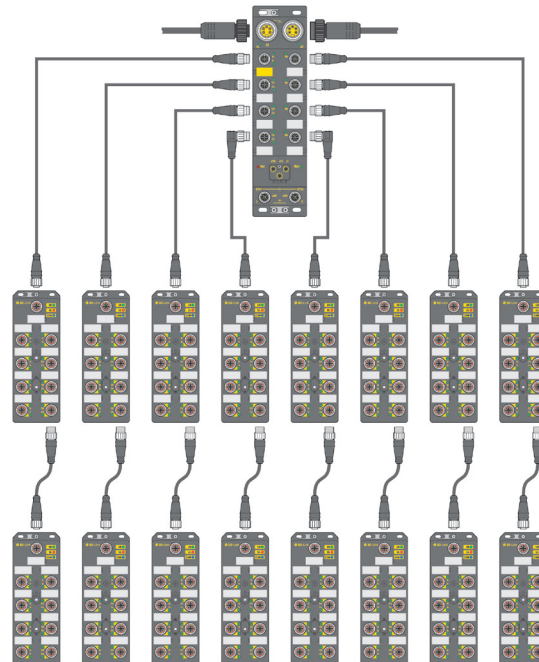
Allows customers to easily change between Ultra-Lock and traditional threaded connection styles as needed

Plastic housing and Zinc die-cast spring carrier

Offers a durable and cost-effective solution



M12 Ultra-lock 2.0 Female Cordset



Multi I/O Applications

Weld-slag, oil-resistant (WSOR) cable

Withstands multiple harsh-environment conditions including welding and cutting oil. Delivers rugged, high-flex and high-torsion performance over a wide temperature range

APPLICATIONS

Industrial Automation

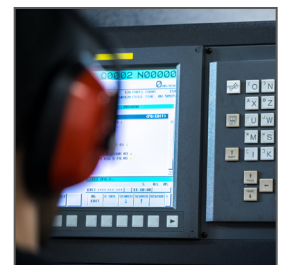
- Machine and line builders
- Machine tools/machining centers
- Automotive production equipment (incl. robotics)
- Special-purpose manufacturing machinery
- Sensor and actuator connections
- Multi-I/O applications
- Difficult-to-access areas
- Safety areas (click and tight)



Factory Automation /
Machine & Line Builders



Robotics



Machine Tools &
Machining Centers

Brad M12 Ultra-Lock 2.0

SPECIFICATIONS

REFERENCE INFORMATION

A-codes:

Cordsets from series 120400/120401
mates with REC from series 120404

D-codes:

Cordsets from series 120406 mates with
REC from series 120406

ELECTRICAL

Voltage/Current (max.):

3/4 Pole: 250V/4A

5 Pole: 60V/4A

8 Pole: 30V/2A

12 Pole: 30V/1.5A

MECHANICAL

Outer Sleeve: PA

Inner Sleeve: Zinc die-cast

Locking Spring: Stainless Steel

Contact Plating: Gold over Nickel

O-Ring: FPM

Operating Temperature: -25 to +85°C

www.molex.com/en-us/products/industrial-automation/micro-change-m12