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HLEXC-EX-100M-12.3-20A-2P3W-120V

Explosion Proof Extension Cord - 100M 12/3 SOOW Cord - 120V - 20A Cont Capacity - Yellow

Product ID: 278905

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

HLEXC-EX-100M-12.3-20A-2P3W-120V Explosion Proof Extension Cord

Listing: NRTL Listed for North America, Europe, Brazil, Korea & International Locations
Device Series: IEC 60309 (International Standard)
Cable Type: 12/3 SOOW
Cable Length: 100 Meters
Cable Color: Black
Receptacle Dimensions: 9.13"-H x 4.13"-W x 6.6"-D
Weight: -
Amperage Rating: 20A
Voltage: 120 V AC
Frequency: 50/60 Hz
Phase: Single Phase
Horsepower: 3 HP @ 120 V
Configuration: 2P3W
# of Poles: 2-Pole
# of Wires: 3-Wire
Max Voltage Rating: 220 V AC
Clock Hour: 4H
Color Code: Yellow
Protection: Interlocking Switch Mechanism & Padlockable
# of Operations: > 5000 Connects/Disconnects Under Load @ Full Rated Current and Voltage
Minimum Withdrawal Force: 5 lb
Temperature Rise: Max +30°C at Full-Rated Current After 50 Cycles of OL at 150% Rated Current
Operating Temperature Range: -55°C to +65°C

Ratings/Approvals

NEC, CEC, ATEX, IEC Ex Rated
Class I, Division 2, Groups A, B, C, D
Class I, Zone 1 & 2, Groups IIC, IIB, IIA
Class II, Divisions 1 & 2, Groups E, F, G
Class III, Divisions 1 & 2
Approved for Zone 1 and 2
Approved for Zone 21 and 22
Ex db eb IIC T6 Gb
Ex tb IIIC T80 °C Db
Ex II 2 G Ex db eb IIC T6 Gb
Ex II 2 D Ex tb IIIC T80 °C Db
NRTL Certified to IEC 60079
NRTL Certified to EN 60079
CE Certified
RoHS Certified
NEMA 3, 4, 4X
IP66 Weatherproof
Compatible with IEC 60309 Compliant Products
Certified for Full Load Interrupting

Waterproof Rating: IP65, NEMA 4X

Shock Resistance: IK09

Flammability: V-2 Rated

Cable Secureness: Force: 30 lb; Torque: 0.4 ft-lb; Max Disp: <= 3/32"

Seals: Neoprene

Material, Housing Body: Polyamide

Material, Housing Cover: Polyamide

Material, Contacts: Brass

Material, Contact Carrier: Nylon

Material, External Screws: Acid-Proof Stainless Steel

Material, Internal Screws: Stainless Steel

Material, Phase/Ground Sleeves: Brass

Material, Sleeve Spring: Stainless Steel

Material, Terminal Screws: Stainless Steel

Shipping Dimensions: -

Shipping Weight: -

Special Orders - Special Requirements
Contact us for special requirements

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Made in the USA

The HLEXC-EX-100M-12.3-20A-2P3W-120V from Larson Electronics is an Explosion Proof Extension Cord that allows operators to safely extend the range of their explosion proof light or equipment beyond the boundaries of the hazardous work area. Compatible with 120 V, the ATEX/IECEX rated unit features a maximum continuous capacity of 20 amps and contains one explosion proof receptacle. This 12/3 Type W cord measures 100 meters in length and is equipped with a 63-amp explosion proof plug.

The HLEXC-EX-100M-12.3-20A-2P3W-120V extends electrical connections in combustible facilities. This 100 meters of 12/3 SOOW cord is compatible with 120 V. Featuring a continuous capacity of 20 amps, the unit contains an ATEX-rated plug and receptacle with integrated locking features. With Zones 1, 2, 21 and 22, as well as IP66 ratings, the explosion proof extension cord is suitable for rugged locations.

The ATEX-rated receptacle/plug feature non-metallic, polyamide, and fiber-reinforced glass construction. Specially designed color coding and pin configuration reduces the possibility of making incorrect power connections. To ensure safety, the components are coded yellow. The color coding of these units makes it impossible to connect different voltages and current ratings, to ensure safe power connection.

Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, ATEX-rated Light Fixtures, Grinders, Wet areas or Locations Where Combustible Dust is Present.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Product ID: 278905

Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**