

# PNCX Low Power

## PRODUCT FEATURES



### Durable Casing

Glass reinforced thermoplastic casing provides IK08 impact protection.

### Spring-Loaded Butt-Style Contacts

Ensures optimal contact force and superior electrical performance over thousands of operations.

### Integral Cord Grips

Strain relief and ingress protection for cables from .40" to .55".

### Silver-Nickel Contacts

Silver-nickel material provides superior conductivity, durability, and corrosion resistance. Suitable for 4-20 mA signals and up to 5 A power circuits.

### Protective Cap

Allows IP66/67/69 ratings to be maintained when the device is disconnected.

## Hazardous Location Listings

### ATEX/IECEX

Ex II 2 G D Ex e IIC T6 Gb Ex tb IIIC T72°C Db

Suitable for Zone 1 and Zone 2 for Gases with autoignition temperatures < 85° C

Suitable for Zone 21 and Zone 22 for Dusts with autoignition temperatures < 72° C

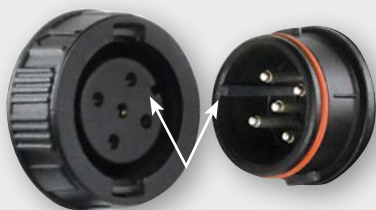
-20°C ≤ Ta ≤ +70°C Applicable ambient temperature range

IECEX LCIE 16.0001X/LCIE 16 ATEX 3001X



## How It Works

### Connector and Plug Disconnected



Align keying rib on plug with slot on receptacle

### Insertion of Plug



Insert plug into receptacle

### Rotation of Ring



Rotate ring 40° to lock device together and engage water and dust ingress protection

# HAZARDOUS LOCATION - MULTIPIN

**!** Devices rated for hazardous locations are not returnable.

## Connector



## Receptacle



or

### Ratings

- **Voltage**  
250 VAC
- **Amperage Ratings**  
4-20 mA to 5 A  
Not for current interrupting
- **Environmental Ratings**  
IP66/IP67/IP69
- **Temperature Range**  
Min -4°F/Max 158°F
- **Wiring Capacity**  
Based on THHN wire sizes  
Min 18 AWG Max 12 AWG
- **Terminal Type**  
Screw
- **Applicable Standards**  
ATEX, IECEx

VOLTAGE	POLARITY	CABLE RANGE	PART # POLY	PART # POLY
250 V	4P+G	.40-.55"	06E3007	06E4007

For international configurations (IEC/CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact Customer Service at 800-433-7642.

## Plug



## Inlet



or

VOLTAGE	POLARITY	CABLE RANGE	PART # Poly	PART # POLY
250 V	4P+G	.40-.55"	06E1007	06E8007

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**ACCESSORIES**

### ADAPTER PLATE

For DXN20 Accessories (see page 172).



251A457-E

### PROTECTIVE CAP (if replacement is required)



Receptacle  
01EA125



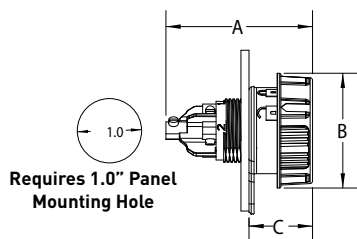
Inlet  
01EA126

## DIMENSIONS – Provided in Inches



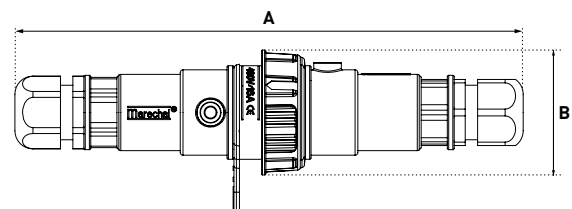
Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact MELTRIC Engineering.

### Panel Mount Receptacle



PRODUCT	A	B	C
PNCX	2.28	1.78	.99

### Connected Plug and Receptacle



PRODUCT	A	B
PNCX	7.28	1.78