# molex®

**IP67 rated DIN valve connector with improved strain relief. Cable retention force increased up to 20% over internal nut style. Enlarged cable range that covers internal thread connectors cable range.**

## Specifications

### ELECTRICAL
Max. Current 10.0A
Contact Resistance: ≤15milliohms max.
Insulation Resistance:
    100Megohms min.
Max Conductor: 0.75mm² / 18AWG

### MECHANICAL
Insertion and Withdrawal Force:
    2+GND ≤ 60N

### CERTIFICATION
UL recognized, *cURus* marked, file E218123 (product available upon request or specific part number)

### PHYSICAL
Durability: min. 50 cycles
Contact Area: Silver
Solder Tail Area: Silver
Operating Temperature with:
    Nitrile Rubber (NBR) Gasket:
    -40° +90°C
    Silicone Gasket -40° to +125°C
Cable Diameter Range: 3.00÷5.50mm
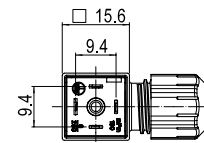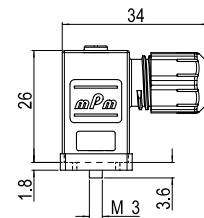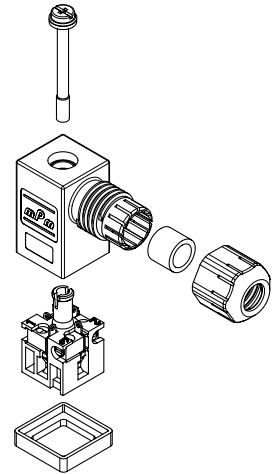Live Contact Distance: 9.40mm

### ENVIRONMENTAL
IP67 Sealing Protection



**IP67**

## Non Electronic   C29 2 00 N 0 T **

**SERIE**
**C29**=External Thread Form Micro

**POLES**
**2**=2Poles+Ground  **3**=3Poles+Ground

**THREAD**
**00**=External Thread

**COVER COLOR**
**N**=Black Cover  **G**=Gray Cover
**W**=V0 Black Cover (only with UL listed connectors)

**GROUND POSITION**
**0**=Unmounted  **2**=H12  **3**=H3  **6**=H6  **9**=H9

**SCREW & GASKET**
**T**=Profile NBR Gasket & IP67 Screw, **U**=Profile Silicone Gasket & IP67 Screw

**PACKAGING STYLE**
**no digit**=Single Bag Unmounted, **SN**=Bulk Pack Mounted, **CN**=Bulk Pack Unmounted

## Electronic   S29 2 00 T C4 2 0 T **

**SERIE**
**S29**=External Thread Form Micro

**POLES**
**2**=2Poles+Ground

**THREAD**
**00**=External Thread

**COVER COLOR**
**N**=Black Cover  **G**=Gray Cover  **T**=Transparent

**CIRCUIT**
see page 29

**VOLTAGE & LED COLOR**
see page 29

**GROUND POSITION**
**0**=Unmounted  **2**=H12  **3**=H3  **6**=H6  **9**=H9

**SCREW & GASKET**
**T**=Profile NBR Gasket & IP67 Screw, **U**=Profile Silicone Gasket & IP67 Screw

**PACKAGING STYLE**
**no digit**=Single Bag Unmounted, **SN**=Bulk Pack Mounted, **CN**=Bulk Pack Unmounted



34
26
1.8
M 3
3.6
□ 15.6
9.4
9.4

**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200W2RSNSA

**Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders**

| Packaging Type | | Poles | Circuit | Voltage | LED Color | Engineering No. | Standard Order No. |
|---|---|---|---|---|---|---|---|
| Single Bag | Unmounted | | NO | 250V AC/300V DC | NO | C29200N0T | 121205-0001 |
| Bulk Pack | Mounted | | NO | 250V AC/300V DC | NO | C29200N2TSN | 121205-0012 |
| Single Bag | Unmounted | 2+Ground | C4 | 24V AC/DC | yellow | S29200TC4H0T | 121211-0042 |
| Bulk Pack | Mounted | | C4 | 24V AC/DC | yellow | S29200TC4H2TSN | 121211-0342 |
| Single Bag | Unmounted | | C4 | 230V AC/DC | yellow | S29200TC4M0T | 121211-0045 |
| Bulk Pack | Mounted | | C4 | 230V AC/DC | yellow | S29200TC4M2TSN | 121211-0345 |

**www.molex.com**