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` `**`

SERIES
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
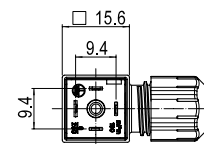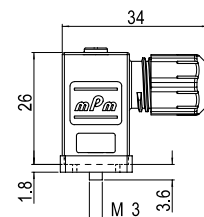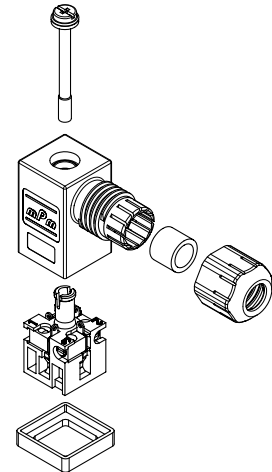**0**=Unmounted **2**=H12 **3**=H3 **6**=H6 **9**=H9
SCREW & GASKET
T=Profile NBR Gasket & IP67 Screw, **U**=Profile Silicone Gasket & IP67 Screw
PACKAGING STYLE
no digit=Single Bag Unmounted, **SN**=Bulk Pack Mounted, **CN**=Bulk Pack Unmounted

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

SERIES
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 33
VOLTAGE & LED COLOR
see page 33
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

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