

IP67 rated DIN valve connectors with improved strain relief. Cable retention force increased by up to 20% over internal nut styles. Enlarged cable range that covers the PG9 and PG11 internal thread connector cable range. Conforms to EN 175301-803.

Specifications

ELECTRICAL

Max. Current: 16.0A
 Contact Resistance:
 ≤ 15 milliohms max.
 Insulation Resistance:
 100 Megohms min.
 Max. Conductor: 1.50mm² / 16AWG

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° to +90°C
 Silicone Gasket: -40° to +125°C
 Cable Diameter Range: 4.00-9.00mm
 Live Contact Distance:
 18.00mm

ENVIRONMENTAL

IP67 Sealing Protection

Non Electronic

C28 2 00 N 0 R **

SERIES — C28=External Thread Form A
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 — R=Integrated NBR Gasket & IP67 Screw, S=Integrated Silicone Gasket & IP67 Screw
PACKAGING STYLE — no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted

Electronic

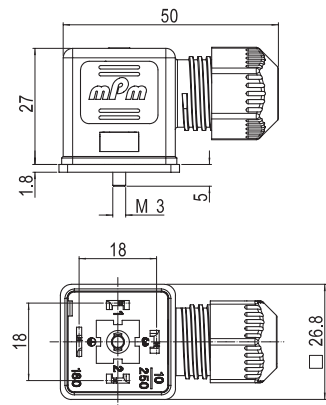
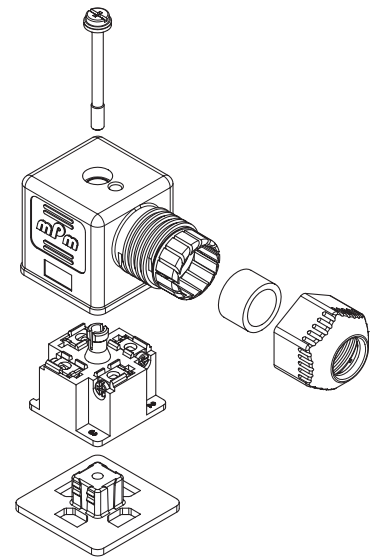
S28 2 00 T C4 2 0 R **

SERIES — S28=External Thread Form A
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 — R=Integrated NBR Gasket & IP67 Screw, S=Integrated Silicone Gasket & IP67 Screw
PACKAGING STYLE — no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted



Brad® mPm® Field Attachable DIN Valve Connectors

121201 Form A, Ext. Thread, Non-Electronic
121207 Form A, Ext. Thread, Electronic



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. C28200W2R5NSA

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	2+Ground	NO	250V AC/300V DC	NO	C28200N0R	121201-0001
Bulk Pack	Mounted		NO	250V AC/300V DC	NO	C28200N2RSN	121201-0034
Single Bag	Unmounted	3+Ground	NO	250V AC/300V DC	NO	C28300N0R	121201-0002
Bulk Pack	Mounted		NO	250V AC/300V DC	NO	C28300N2RSN	121201-0038
Single Bag	Unmounted	2+Ground	C4	24V AC/DC	yellow	S28200TC4H0R	121207-0005
Bulk Pack	mounted		C4	24V AC/DC	yellow	S28200TC4H2RSN	121207-0368
Single Bag	Unmounted		C4	230V AC/DC	yellow	S28200TC4M0R	121207-0106
Bulk Pack	mounted		C4	230V AC/DC	yellow	S28200TC4M2RSN	121207-0371

Our circuit range provides LED indication or suppressor circuitry for surge protection.

Many other circuit configurations are available upon request; contact your local sales representative to identify the proper EDP number to use in your purchase orders.

Circuit Options

SUPPLY VOLTAGE AND LED COLOR		
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

Red LED (1-5), Green LED (A-E), Yellow LED (G-M)

Input	Circuit Schematic	Load	Circuit Description	Available on Product Type
V AC/DC			CIRCUIT A1 With bipolar LED, provides a luminous signal when power is applied.	Connectors Series S, Series E (only with Electronic) and Series A
V DC			CIRCUIT C3 With LED and diode to protect against peak of overvoltage when switching off.	Connectors Series S, Series E (only with Electronic) and Series A
V AC/DC			CIRCUIT C4 With bipolar LED and VDR to protect supply and switch against peak of overvoltage.	Connectors Series S, Series E (only with Electronic) and Series A
V AC/DC			CIRCUIT D0 With VDR to protect supply and switch from peak of overvoltage.	Connectors Series S, Series E (only with Electronic)
V DC			CIRCUIT E0 With diode to protect against peak of overvoltage when switching off.	Connectors Series S, Series E (only with Electronic)
V AC/DC			CIRCUIT S0 With transient suppressor (transil) to provide blocking of input and output overvoltage. a bipolar LED provide a visual information when power is applied.	Connectors Series S, Series E (only with Electronic) and Series A
V AC/DC			CIRCUIT S1 With transient suppressor (transil) to provide blocking of input and output overvoltage.	Connectors Series S, Series E (only with Electronic)
V AC			CIRCUIT R0 Full wave bridge rectifier with VDR to protect against overvoltage.	Connectors Series S53/54/11, Series E451 (only with Electronic)
V AC			CIRCUIT R2 Full wave bridge rectifier with VDR to protect against overvoltage and LED to confirm the presence of the rectified DC voltage.	Connectors Series S53/54/11, Series E451 (only with Electronic)