

# PN12c



# PN12c Multipin – 7.5A Plugs & Receptacles

### Ratings

- **Voltage**  
600 VAC Max/130 VDC
- **Amperage Rating**  
5A Current Interrupting  
7.5A Non-Current Interrupting  
! PN12c is capable of handling  
4-20mA low current applications
- **Environmental Ratings**  
IP66+IP67
- **Temperature Range**  
Min -40°F/ Max 140°F  
See pg 228 for temps below -15°F.
- **Wiring Capacity**  
Min 18 AWG Max 14 AWG
- **Listings**  
CE\*  
\* Contact Customer Service

For PN12c dimensions, see pgs 125-126

### Highlighted Feature

- **Crimped Contacts**  
PN12c devices now feature contacts that can be crimped or soldered. Each device is supplied with 13 contacts so that the product can be set up to suit application needs.

### Main Options



**Reverse Interiors**



**Flush Mount**  
(replaces female casing)



**Locking Pawl**



See pgs 205-214 for detailed information on these options

## Receptacle (female)



Don't forget to add installation accessories to your order

## Inlet (male)



For international configurations (CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

Voltage	Polarity	Part #	
		Poly	Metal
600V	11P+G	03-A4001	07-A4001

Voltage	Polarity	Part #	
		Poly	Metal
600V	11P+G	03-A8001	07-A8001

## Simple Assembly and Disassembly

DSN37c shown



**Assembly**

To insert contacts when they have been wired is simple. Push wired contact into rear of insulator until it stops to complete the installation.



**Disassembly**

To remove, use the tool provided. Push tool from front onto contact until tool stops. Contact is then released at rear of insulator.

Receptacle Options	Part #
Reverse Interiors	Recept # - 001
With Flush Mount (poly only)	Recept # - 142
Locking Pawl	Recept # - 824-300

Inlet Options	Part #
Reverse Interiors	Inlet # - 001

### PN12c Order Example:

To order a device with a reverse interior add **-001** to the inlet and receptacle part numbers.

PN12c Receptacle 5P+G 03-A4001-**001**

PN12c Inlet 5P+G 03-A8001-**001**

Appropriate accessory part numbers must also be included on the order.

# Installation Accessories

Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.

## Handles



NPT	Poly Handle Threaded Opening	Metal Handle* Threaded Opening	90° Nylon Handle Threaded Opening
1/2"	01-NA013-12	H091U12	04-2A090-5-12
3/4"	01-NA013-34	H091U34	04-2A090-5-34
1"	01-NA013-1	H091U1	04-2A090-5-10

Cable Range	Nylon Handle	Angled Nylon Handle
.35 - .70	01-NA013	01-NA313

- Notes:**
- For available cord grips, see pgs 171-172.
  - \* For metal devices only.

## NPT Guidelines

Cable Range	NPT
.062 - .5	1/2"
.187 - .75	3/4"
.437 - 1.10	1"
.750 - 1.375	1 1/4"

NPT sizes are determined by the cable diameter and third party cord grip.

## Junction Boxes



NPT	Metal Box	Metal Box Nylon Angle 30°	Metal Box Metal Angle 45°	Poly Conduit* Entry	Poly Straight* Wall Box	Metal Straight Wall Box	Poly 70°** Wall Box
1/2"	MB312	01-NA053-080-12	09-NA053-080-12	01-NA023-12	01-NA025-12	09-NA025-12	51-AA058
3/4"	MB334	01-NA053-080-34	09-NA053-080-34	01-NA023-34	01-NA025-34	09-NA025-34	51-AA058
1"	MB31	01-NA053-080-1	09-NA053-080-1	-	-	-	51-AA058
1 1/4"	MB3114	01-NA053-080-114	09-NA053-080-114	-	-	-	51-AA058

- \* For poly devices only.
- \*\* 70° boxes are not drilled. Contact customer service if factory drilling is required.
- + Interior volume with receptacle installed.

## Angles



Nylon 30° Angle for MB Box	Metal 45° Angle	Metal Straight Adapter	Metal 30° Angle for FS Box
01-NA027-601	09-NA027	MSPN	MAFS1*

\* MAFS1 base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

## Miscellaneous Accessories



Protective Cap	Flush Mount	Cord Grip with Mesh	Multi-Contact Removal Tool	Crimper Tool (Greenlee or equal)	European Crimping Tool
01-NA126	01-2A142	see pgs 171-172	9-LD12-37	4CN30	61-CA500

## Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)  
07-A8001 + 01-NA313



Female Receptacle with Angle Adapter  
07-A4001 + 01-NA027

PN12c



# PN12c Multipin – 7.5A Stainless Steel Plugs & Receptacles

## Ratings

- **Voltage**  
600 VAC Max/130 VDC
- **Amperage Rating**  
5A Current Interrupting  
7.5A Non-Current Interrupting  
! PN12c is capable of handling  
4-20mA low current applications
- **Temperature Range**  
Min -40°F/Max 140°F
- **Wiring Capacity**  
Min 18 AWG Max 14 AWG

For PN12c SS dimensions, contact Customer Service

## Receptacle (female)



Don't forget to add installation accessories to your order

For international configurations (CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

Voltage	Polarity	Part # Stainless Steel
600V	11P+G	07-A4001-SS

## Inlet (male)



Voltage	Polarity	Part # Stainless Steel
600V	11P+G	07-A8001-SS

## Highlighted Feature

- **Crimped Contacts**  
PN12c devices now feature contacts that can be crimped or soldered. Each device is supplied with 13 contacts so that the product can be set up to suit application needs.

## Simple Assembly and Disassembly

DSN37c shown



### Assembly

To insert contacts when they have been wired is simple. Push wired contact into rear of insulator until it stops to complete the installation.



### Disassembly

To remove, use the tool provided. Push tool from front onto contact until tool stops. Contact is then released at rear of insulator.

PN12c Stainless Steel Multipins are made of machined 304 Stainless Steel.



# Installation Accessories

## Handles



NPT	Stainless Steel Handle
1/2"	09-2A013-SS-12*
3/4"	09-2A013-SS-34

**Notes:** \* For 1/2" NPT size, a hole size reducer is utilized.

## Angles



Stainless Steel 30° Angle
09-2A027-SS

## Junction Boxes



NPT	Stainless Steel Box with Stainless Steel Angle
3/4"	09-2A053-080-SS-34
1"	09-2A053-080-SS-1

**Notes:** • Includes angle adapter as shown.

## Miscellaneous Accessories



Multi-Contact Removal Tool	Crimper Tool (Greenlee or equal)	European Crimping Tool
9-LD12-37	4CN30	61-CA500

## NPT Guidelines

Cable Range	NPT
.312 - .625	1/2"
.438 - .812	3/4"
.660 - 1.000	1"

NPT sizes are determined by the cable diameter and third party cord grip.

## Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



**Male Inlet with Handle (Plug)**  
07-A8001-SS + 09-2A013-SS-34



**Female Receptacle with Angle Adapter**  
07-A4001-SS + 09-2A027-SS