

**m12 Receptacle**

M12 (Metal Die-Casting) Receptacle, Female, A, B & D-Coding

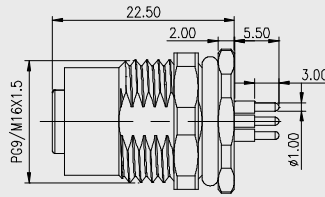
Description

Receptacle, Front Fastened,  
Screw Type, PCB

Figure



Drawing

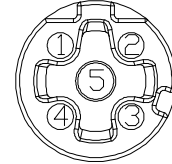
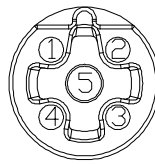
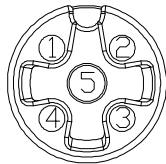


Coding

A-Coding (X=1)

B-Coding (X=2)

D-Coding (X=4)



Part No.

|                | A-Coding (X=1) |             | B-Coding (X=2) |             | D-Coding (X=4) |             |
|----------------|----------------|-------------|----------------|-------------|----------------|-------------|
|                | Contacts       | Part Number | Contacts       | Part Number | Contacts       | Part Number |
| A, B, D-Coding | 3              | M16X1.5     | 54036X05-08    | 4           | M16X1.5        | 54046X05-08 |
|                |                | PG9         | 54036X05-18    |             | PG9            | 54046X05-18 |
| A-Coding       | 5              | M16X1.5     | 54056X05-08    | 12          | M16X1.5        | 54126105-08 |
|                |                | PG9         | 54056X05-18    |             | PG9            | 54126105-18 |

**Specifications**

|                          | 3                       | 4    | 5   | 8   | 12   |
|--------------------------|-------------------------|------|-----|-----|------|
| Number of Contacts       | 3                       | 4    | 5   | 8   | 12   |
| Voltage Rating           | 250V                    | 250V | 60V | 30V | 30V  |
| Rated Current (40°C)     | 4A                      | 4A   | 4A  | 2A  | 1.5A |
| Max Panel Thickness      | 4.5mm (max)             |      |     |     |      |
| Environmental Protection | IP68                    |      |     |     |      |
| Mechanical Life          | 100 mating cycles (min) |      |     |     |      |
| Operating Temperature    | -40°C - 85°C            |      |     |     |      |