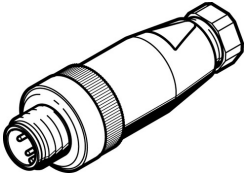


# Plug NECU-S-M12G4-P1-Q6-IS

Part number: 570955

FESTO



 General operating condition

## Data sheet

| Feature                                              | Value                                                                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Based on standard                                    | EN 61076-2-101<br>EN 61984                                                                                                 |
| Explosion protection                                 | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Frequency of connection                              | 50                                                                                                                         |
| Mounting position                                    | optional                                                                                                                   |
| Product weight                                       | 18 g                                                                                                                       |
| Electrical connection 1, function                    | Field device side                                                                                                          |
| Electrical connection 1, design                      | Round                                                                                                                      |
| Electrical connection 1, connection type             | Plugs                                                                                                                      |
| Electrical connection 1, cable outlet                | Straight                                                                                                                   |
| Electrical connection 1, connector system            | M12x1, A-coded to EN 61076-2-101                                                                                           |
| Electrical connection 1, number of connections/cores | 4                                                                                                                          |
| Electrical connection 1, type of mounting            | Screw-type lock with 18 mm hexagon and longitudinal knurl                                                                  |
| Electrical connection 1, connection pattern          | 00995386                                                                                                                   |
| Electrical connection 2, connection type             | Cable                                                                                                                      |
| Electrical connection 2, connector system            | Screw terminal                                                                                                             |
| Operational voltage range DC                         | 0 V ... 30 V                                                                                                               |
| Current rating at 40° C                              | 4 A                                                                                                                        |
| Immunity to surge                                    | 2.5 kV                                                                                                                     |
| Cable fitting                                        | Pg7                                                                                                                        |
| Permissible cable diameter                           | 2.5 mm ... 2.9 mm                                                                                                          |
| Connection cross section                             | 0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>                                                                               |
| Degree of protection                                 | IP65<br>IP67                                                                                                               |
| Ambient temperature                                  | -25 °C ... 85 °C                                                                                                           |
| LABS (PWIS) conformity                               | VDMA24364-B2-L                                                                                                             |
| Note on materials                                    | RoHS-compliant                                                                                                             |
| Pollution degree                                     | 3                                                                                                                          |
| Material housing                                     | PA                                                                                                                         |
| Material union nut                                   | PA                                                                                                                         |
| Material electrical contact                          | Brass<br>White bronze coated                                                                                               |