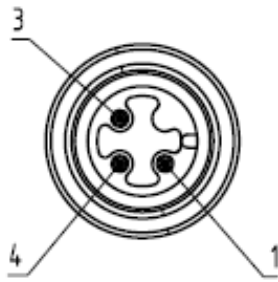


# M12 System Cables, A-Coding, 3 poles



Male 3-pole



## Technical Characteristic(s)

|  | 3 poles                    |                            |                            |
|--|----------------------------|----------------------------|----------------------------|
|  | PVC                        | PUR                        | TPE                        |
| Coding                                     | A-coding                   | A-coding                   | A-coding                   |
| Rated voltage                              | 250 V                      | 250 V                      | 250 V                      |
| Rated current / contact                    | 4 A                        | 4 A                        | 4 A                        |
| Locking type                               | M12x1                      | M12x1                      | M12x1                      |
| Contact nut material/plating               | Brass/Nickel               | Brass/Nickel               | Brass/Nickel               |
| Shielding                                  | Unshielded                 | Unshielded                 | Unshielded                 |
| Number of contacts                         | 3                          | 3                          | 3                          |
| Contact material/plating                   | Brass/Gold                 | Brass/Gold                 | Brass/Gold                 |
| Mating cycles                              | ≥100                       | ≥100                       | ≥100                       |
| Temperature range (working and storage)    | -25 ... +80 °C             | -25 ... +80 °C             | -40 ... +80 °C             |
| Conductor insulation                       | PVC (bn, bk, bu)           | PP (bn, bk, bu)            | PP (bn, bk, bu)            |
| Number of wires / wire gauge               | 3 x 0.34 mm <sup>2</sup>   | 3 x 0.34 mm <sup>2</sup>   | 3 x 0.33 mm <sup>2</sup>   |
| Conductor cross-section (mm <sup>2</sup> ) | 0.34 mm <sup>2</sup>       | 0.34 mm <sup>2</sup>       | 0.33 mm <sup>2</sup>       |
| Conductor cross-section (AWG)              | AWG 22                     | AWG 22                     | AWG 22                     |
| Cable outer diameter (metric)              | 4.50 mm ± 0.10 mm          | 3.85 mm ± 0.15 mm          | 4.75 mm ± 0.25 mm          |
| Cable outer diameter (inches)              | 0.177 in. ± 0.004 in.      | 0.152 in. ± 0.006 in.      | 0.187 in. ± 0.010 in.      |
| Recommended torque                         | 0.6 Nm                     | 0.6 Nm                     | 0.6 Nm                     |
| Wrench size (knurled screw / knurled nut)  | 15                         | 15                         | 15                         |
| Degree of protection                       | IP65 / IP67 when mated     | IP65 / IP67 when mated     | IP65 / IP67 when mated     |
| Jacket material                            | PVC (UL 758/1581)          | PUR (UL 758/1581)          | TPE (UL 758)               |
| Jacket color                               | Yellow                     | Yellow                     | Yellow                     |
| Molding material                           | TPU                        | TPU                        | TPU                        |
| Molding material color                     | Black                      | Black                      | Black                      |
| Cable Length                               | 2.00 m                     | 2.00 m                     | 2.00 m                     |
| Configuration Type                         | Straight male to blunt cut | Straight male to blunt cut | Straight male to blunt cut |
| Part Number                                | 21350100315020             | 21350100305020             | 21350100325020             |