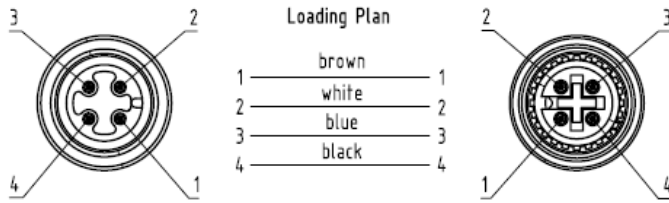


# M12 System Cables, A-Coding, 4 poles



Male and Female 4-pole

## Technical Characteristic(s)

|  | 4 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                         | 4                                | 4                                | 4                                |
| 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, wh)             | PP (bn, bk, bu, wh)              | PP (bn, bk, bu, wh)              |
| Number of wires / wire gauge               | 4 x 0.34 mm <sup>2</sup>         | 4 x 0.34 mm <sup>2</sup>         | 4 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)              | 4.90 mm ± 0.10 mm                | 4.20 mm ± 0.15 mm                | 5.08 mm ± 0.25 mm                |
| Cable outer diameter (inches)              | 0.193 in. ± 0.004 in.            | 0.165 in. ± 0.006 in.            | 0.200 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                               | 10.00 m                          | 10.00 m                          | 10.00 m                          |
| Configuration Type                         | Straight male to straight female | Straight male to straight female | Straight male to straight female |
| Part Number                                | 21350102416100                   | 21350102406100                   | 21350102426100                   |