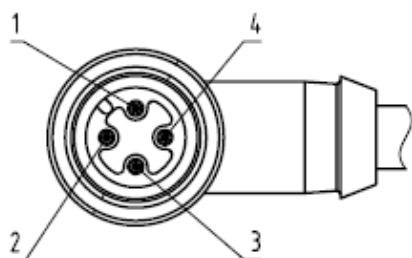


# M12 System Cables, A-Coding, 4 poles



Male 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                               | 1.00 m                   | 1.00 m                   | 1.00 m                   |
| Configuration Type                         | Angled male to blunt cut | Angled male to blunt cut | Angled male to blunt cut |
| Part Number                                | 21350300416010           | 21350300406010           | 21350300426010           |