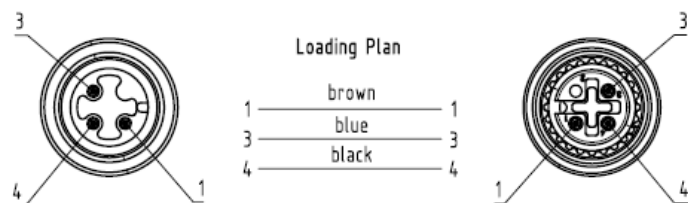


M12 System Cables, A-Coding, 3 poles



Male and Female 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 ² | 3 x 0.34 mm ² | 3 x 0.33 mm ² |
| Conductor cross-section (mm ²) | 0.34 mm ² | 0.34 mm ² | 0.33 mm ² |
| 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 | 1.00 m | 1.00 m | 1.00 m |
| Configuration Type | Straight male to straight female | Straight male to straight female | Straight male to straight female |
| Part Number | 21350102315010 | 21350102305010 | 21350102325010 |