

M12 System Cables, A-Coding, 4 poles



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 ² | 4 x 0.34 mm ² | 4 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) | 4.90 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 | 5.00 m | 5.00 m | 5.00 m |
| Configuration Type | Straight female to blunt cut | Straight female to blunt cut | Straight female to blunt cut |
| Part Number | 21350200416050 | 21350200406050 | 21350200426050 |