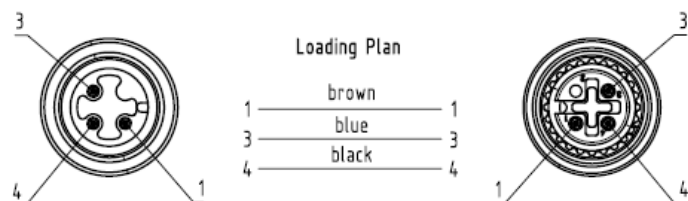


# M12 System Cables, A-Coding, 3 poles



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 <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	5.00 m	5.00 m	5.00 m
Configuration Type	Straight male to straight female	Straight male to straight female	Straight male to straight female
Part Number	21350102315050	21350102305050	21350102325050