

Product **Contacts: 3, Cable length 5 m, cable: 3 x 0.34 mm², PVC, female angled connector, overmoulded**
 Area **M12-A Series 763**
 Article number **77 3434 0000 20003-0500**

Illustration	Scale drawing	Contact Arrangement

Technical data

General features

Connector Design	female angled connector
Connector locking system	bolted
Termination	crimp, overmoulded on cable
Wire gauge (mm)	0,34 mm ²
Wire gauge (AWG)	22
Upper temperature	90 °C
Lower temperature	-25 °C

Cable data

material housing	PVC
Insulation single lead	PVC
Single lead structure	32 x 0,1
Cable sheath Ø	4.5
Conductor resistance	57 Ω/Km (20°C)
Temperature range cable movable °C from	-5
Temperature range cable movable °C to	105
Temperature range cable fixed °C from	-40
Temperature range cable fixed °C to	105
Bending radius cable fixed	min. 5 x D
Bending radius cable movable	min. 10 x D
Approval 1	UL listed

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
EMV compliance	not shielded
Degree of protection	IP69K
Mechanical operation	> 100 Mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (gold)
Material of contact body	PUR
Material of housing	PUR