

M5 SERIES

M5 male straight overmolded cable assembly shielded / unshielded customizable cable length L

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M05A0X-09-010-X-L

8 ORDERABLE PART NUMBERS / 3 / 4 CONTACTS / A-CODE / IP67

Product Overview



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M5 male straight overmolded cable assembly shielded / unshielded customizable cable length L

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WLconnectivity's m5 male straight overmolded cable assembly shielded / unshielded customizable cable length l family consolidates 8 exact orderable configurations covering 3, 4-contact options. The configurations share the product platform and engineering references shown in this manual; exact selection details are listed in the ordering table.

Technical Specifications

Rated current	1 A
Rated voltage	60 V AC / 60 V DC
Wire size	0.14 mm ²
Wire gauge	26 AWG
Outer shell material	copper alloy
Housing material	PA66 nylon
Overmold material	PVC / TPU
Contact material	gold-plated brass / gold-plated phosphor bronze
Applicable temperature	-20 °C to +80 °C
Insulation resistance	≥ 100 MΩ
Contact resistance	≤ 3 mΩ
Degree of protection	IP67
Mechanical durability	≥ 500 cycles

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M05A0X-09-010-X-L

8 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	3	A-code	PVC, unshielded	M05A03-09-010-1-L
2	3	A-code	PUR, unshielded	M05A03-09-010-2-L
3	3	A-code	PVC, shielded	M05A03-09-010-3-L
4	3	A-code	PUR, shielded	M05A03-09-010-4-L
5	4	A-code	PVC, unshielded	M05A04-09-010-1-L
6	4	A-code	PUR, unshielded	M05A04-09-010-2-L
7	4	A-code	PVC, shielded	M05A04-09-010-3-L
8	4	A-code	PUR, shielded	M05A04-09-010-4-L

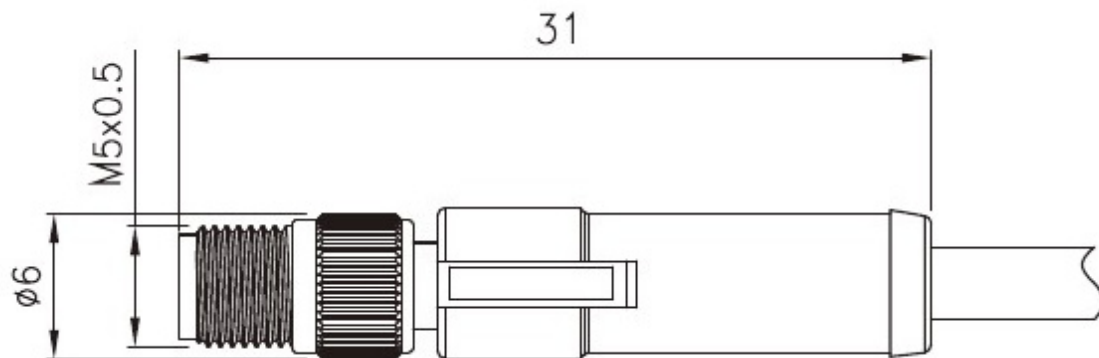
Cable length: L denotes the custom length in millimetres.

Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

Contacts: 3 / 4 / Coding: A-code

