

M5 SERIES

M5 front-mount panel female receptacle solder termination

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M05A0X-04-003

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

Product Overview



M5 SERIES / PRODUCT FAMILY

M5 front-mount panel female receptacle solder termination

M05A0X-04-003

WLconnectivity's m5 front-mount panel female receptacle solder termination family consolidates 2 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-04-003

2 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	3	A-code	-	M05A03-04-003
2	4	A-code	-	M05A04-04-003

CONFIGURATION RANGE

CONTACTS	3 / 4
CODING	A-code
CABLE OPTIONS	Not applicable
PROTECTION	IP67

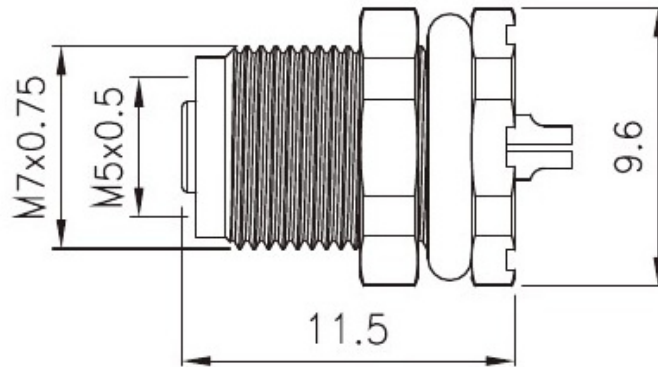


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

DIMENSIONS IN MILLIMETRES

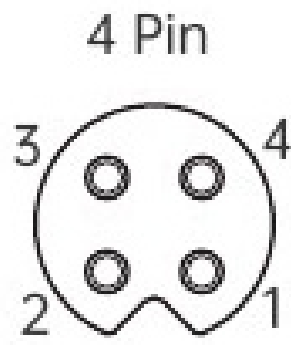


PIN ASSIGNMENT / FRONT VIEW

Contacts: 3 / 4 / Coding: A-code



A-code



A-code