

M23 SERIES

M23 male right-angle power field-attachable square-flange receptacle crimp termination mounting holes 19.8x19.8

CIRCULAR CONNECTOR / PRODUCT FAMILY GUIDE



PRODUCT FAMILY CODE

M23A0X-01-017

2 ORDERABLE PART NUMBERS / 6 / 8 CONTACTS / A-CODE / IP67

Product Overview



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WLconnectivity's m23 male right-angle power field-attachable square-flange receptacle crimp termination mounting holes 19.8x19.8 family consolidates 2 exact orderable configurations covering 6, 8-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

Outer shell material	PA+GF / nickel-plated copper alloy / PA+GF
Housing material	PBT / PA66
Overmold material	TPU / PVC
Contact material	gold-plated brass / gold-plated phosphor bronze
Applicable temperature	-40 °C to +125 °C
Insulation resistance	≥ 100 MΩ
Contact resistance	≤ 5 mΩ
Degree of protection	IP67
Mechanical durability	≥ 500 cycles

Configuration-specific Ratings

Electrical values that vary by contact count and coding

CONTACTS	CODING	RATED CURRENT	RATED VOLTAGE (AC)	RATED VOLTAGE (DC)	WIRE SIZE	WIRE GAUGE
6	A-code	30 A	630V	630V	2.5 mm ²	14 AWG
8	A-code	9A / 20A	250V / 630V	250V / 630V	1 mm ² / 2.5 mm ²	18 AWG / 14 AWG

Ordering Information

All exact orderable part numbers for this product family

FAMILY CODE M23A0X-01-017

2 orderable part numbers

NO.	CONTACTS	CODING	CABLE OPTION	PART NUMBER
1	6	A-code	-	M23A04-01-017
2	8	A-code	-	M23A08-01-017

CONFIGURATION RANGE

CONTACTS	6 / 8
CODING	A-code
CABLE OPTIONS	Not applicable
PROTECTION	IP67

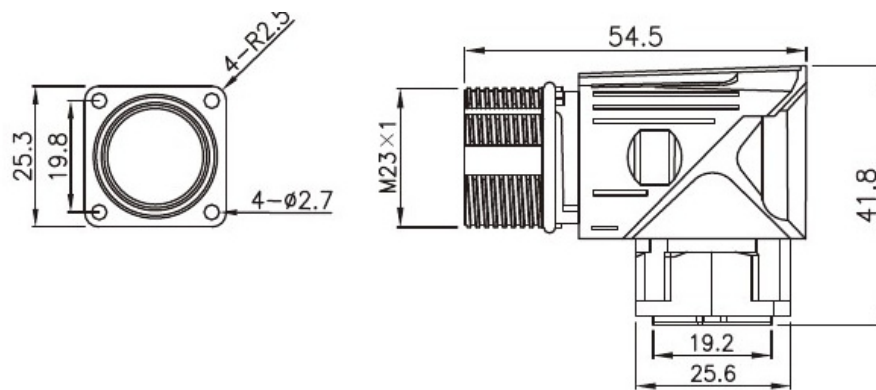


Engineering Reference

Shared dimensional and pin-assignment reference for this product family

DIMENSIONAL REFERENCE

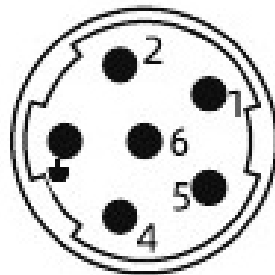
DIMENSIONS IN MILLIMETRES



PIN ASSIGNMENT / FRONT VIEW

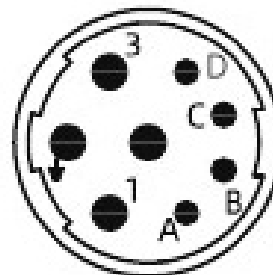
Contacts: 6 / 8 / Coding: A-code

6 Pin



A-code

8(4+4) Pin



A-code