

PRODUCT SHEET

M12 A-Coded 5-Pin Cable Assembly

AKXLC-ZK5-M12-5M

Straight single-ended connector with 5 m PVC cable and flying leads.



M12 A-CODE | 5-PIN FEMALE
STRAIGHT OVERMOLDED CABLE ASSEMBLY

The AEX AKXLC-ZK5-M12-5M is a straight M12 A-coded 5-pin female cable assembly for sensor, actuator and industrial control connections. Its overmolded connector, 5 m PVC cable and flying-lead termination support compact machine and control-cabinet installations where a ready-to-wire connection is required.

M12 A-Code Connector	5-Pin Female Socket	5 m Cable Length	IP67 Protection
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Features

 M12 A-coded 5-pin female	 IP67 connector protection	 5 m PVC cable
 Gold-plated bronze contacts	 Flying-lead termination	 Straight overmolded design

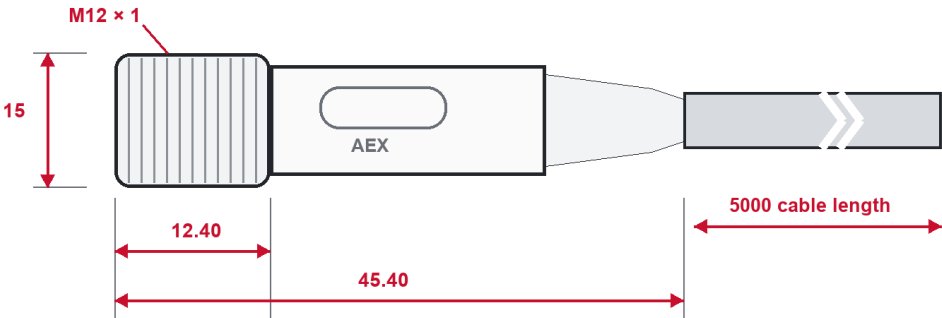
Specifications

Product type	Single-ended cable assembly	Connector	M12 A-coded
Connector form	Straight	Connector gender	Female / socket
Contacts	5	Cable end	Flying leads
Cable length	5 m	Cable specification	5 × 0.34 mm²
Jacket material	PVC	Contact material	Gold-plated bronze (CuSn+Au)
Rated current	2.5 A	Protection rating	IP67
Minimum bend radius	R65 mm	Mating durability	>100 cycles

Dimension Drawing

AKXLC-ZK5-M12-5M | DIMENSION DRAWING

All dimensions in mm. Cable length not shown to scale.



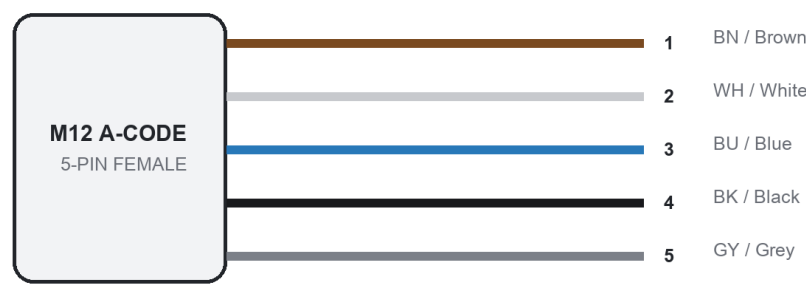
Key Dimensions

Connector body length	45.40 mm	Coupling section length	12.40 mm
Coupling outer diameter	15 mm	Thread	M12 × 1
Cable length	5000 mm	Connector form	Straight

Wiring Diagram

5-PIN CONDUCTOR ASSIGNMENT

Verify the mating-side pin numbering before commissioning.



Additional Specifications

Standard flex life	5 million cycles	Optional flex life	10 or 20 million cycles
Port feature	Anti-loosening nut design	Cable installation	Fixed-mount PVC cable
Typical use	Sensor and actuator connections	Termination	Five stripped flying leads

Typical Applications

Industrial sensors and actuators | PLC and control-cabinet wiring | Machine tools and automation equipment | Compact industrial installations

Ordering and Wiring

Product ID PRD-CAB-0001 | Model AKXLC-ZK5-M12-5M | M12 A-code | 5-pin female | 5 m PVC | 5 × 0.34 mm² | Flying leads

Pin 1 BN / Brown | Pin 2 WH / White | Pin 3 BU / Blue | Pin 4 BK / Black | Pin 5 GY / Grey
Confirm rated voltage, operating temperature and mating-side pin assignment before commissioning.