

# GX16, IP65 waterproof cable joint connector

## Product codes:

Reference: AM3354

EAN13: -

UPC: 85369010



## Product features:

Current: 7 A

Voltage: 125 V AC

Waterproof grade: IP65

Operating temperature: -20°C - +110°C

## Product attributes:

Number of pins: 2-pin, 3-pin, 4-pin, 5-pin, 6-pin, 7-pin, 8-pin, 9-pin, 10-pin

## Product description:

The GX16 cable joint connector is designed for a detachable connection of wires in installations where a mechanically secured connection and protection against dust and water ingress at the IP65 level is required. The product is available in various variants, so the design can be selected according to the number of required contacts in the wiring.

## Technical specifications

- Connector type: GX16 cable joint connector
- Number of pins: according to the selected variant
- Protection rating: IP65
- Maximum current: 7 A
- Maximum voltage: 125 V AC
- Wire diameter: 4.5-7.1 mm
- Operating temperature: -20 to 110 °C
- Relative humidity: 90-95 %
- Material: polyamide

## Functions and features

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- Detachable cable connection for multi-core wiring according to the selected pin variant.
- The screw connection mechanism ensures the mechanical tightening of both parts of the connector.
- IP65 protection limits dust and water ingress when the connector is properly assembled and tightened.
- The design with a cable gland allows fixing the cable in the connector body.

#### **Ideal for**

- Connecting cables in low-voltage and control applications.
- Service detachable connections between the device and the cable harness.
- Electronic modules, control elements, sensors, and devices requiring a detachable cable connection.
- Installations where basic protection of the connector against dust and water is required.

#### **Package contents**

- 1x GX16 cable joint connector in the selected pin variant

#### **Why choose this product**

- The availability of multiple pin variants allows adapting the connector to a specific wiring.
- The stated IP65 protection is suitable for applications requiring joint protection against dust and water.
- The screw connection limits the spontaneous disconnection of the connector during mechanical stress.
- The product has stated basic electrical, temperature, and mechanical parameters necessary for wiring design.

#### **Installation and operation instructions**

- Before assembly, verify the match of the number of connector pins with the required wiring.
- Connect the wires only when the power supply is disconnected.
- Observe the maximum stated voltage and current.
- To maintain IP65 protection, the connector must be properly assembled, tightened, and used with a cable of the corresponding diameter.
- Assembly in circuits with hazardous voltage may only be performed by a person with appropriate electrical qualifications.

#### **Safety warnings**

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- The connector is intended for electrical circuits where incorrect wiring poses a risk of electric shock, short circuit, overheating, or damage to the device.
- Do not exceed the maximum voltage of 125 V AC and the maximum current of 7 A.
- Disconnect the device from the power supply before handling, connecting, or disconnecting.
- Do not use the connector with a damaged body, thread, sealing part, or contacts.
- In an environment with water or moisture, use the connector only with a properly tightened connection and a properly fixed cable.

## Product gallery:



INDICAZIONE	2	3	4	5	6	7	8	9	10
Numero parti	04	05	06	07	08	09	10	11	12
Spessore corpo (mm)	20	25	30	35	40	45	50	55	60
Spessore corpo (mm) con cavo	25	30	35	40	45	50	55	60	65
Spessore corpo (mm) con cavo e anello	30	35	40	45	50	55	60	65	70
Spessore corpo (mm) con cavo e anello e anello	35	40	45	50	55	60	65	70	75
Spessore corpo (mm) con cavo e anello e anello e anello	40	45	50	55	60	65	70	75	80
Spessore corpo (mm) con cavo e anello e anello e anello e anello	45	50	55	60	65	70	75	80	85

