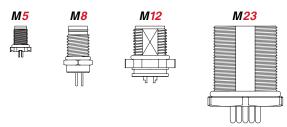
Your connectivity solution

ATTEND M-series circular connectors cover an extensive range of M5/8/12/23 connectors supporting customers looking for solutions based on this international standard. This series has been proven as very reliable connectivity of choice for applications such as industrial automation, ethernet system, intelligent transportation system, Traffic safety system and outdoor devices for many years.



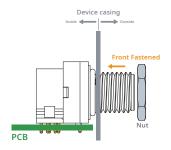
▲ The differentiation between M5, M8, M12, M23 circlar connector

Mounting options

To maximize the commonality of customer's needs, the M series connectors cover different mounting options including the front and rear fastened.

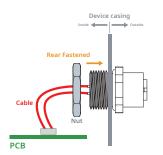
Front Fastened

Since the nut is mounted outside of the device casing, the user can easily assemble and maintain the equipment without disassembling the entire device.



Rear Fastened

While the nut fastened inside the device, the user is able to ensure the security and avoid damage of the system.





M-SERIES CIRCULAR CONNECTOR

WATERPROOF CONNECTIVITY SOLUTIONS

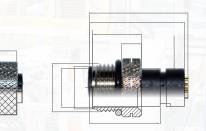






What is a circular connector?

It applies to any connector possessing multi-pin interconnects with cylindrical contact housings and circular contact interface geometries. Designers often choose circular connectors because the systems are easy to connect and disconnect, which allow a wide range of voltages and currents. It is reliable rugged construction which offers an easy way to protect the system against water and dust.



▲ A pair of M12 cicular connector







Transportation





Surveillance





Marine





M5 circular connector is the most compact type in the M series. The straight and right angle types are available for your design needs. With an IP protection rating of IP67 and screw cap of durable design, this M5 circular connector type becomes the perfect solution for medical devices, automotive sensors, industrial controllers as well as embedded systems exposed to extreme working environments.









Standardized M8 circular connectors thread is widely used in sensors installation, industrial machinery, and automation applications. An IP67 protection rating ensures secure and reliable protection against water and dust.



219A-XXMAR





219A-XXF00



219A-XXMO



216A-05MSF 216A-08MSF 12 Pin 216A-12MSF 8 Pin, Right Anale

216A-04MSF

Contact

Rated Voltage

Rated Current

(AC or DC)



Industrial Ethernet

RJ45 replacement

M12, the most popular type of all series, offers support for high power and high frequency. Thanks to its IP67 rating and robustness, it is considered to be the best option for high speed signal transmission and power feeding

solution for industrial and rugged applications under severe environments.

In addition, its coding defined under the standards coding helps preventing

2 - 12 250V (2-4 contacts) 60V (5 contacts)

4A (2-5 contacts) 2A (6-8 contacts)

1.5A (9-12 contacts)

Factory automation (EU)

Connecting sensor

Actuators

5 Pin 216A-05FSF

8 Pin 216A-08FSF

12 Pin 216A-12FSF

8 Pin, Right Angle 216A-08FRF

Solder Type, Front Fastened 216D-04FAF DIP Type, Front Fastened 216D-04FSF

Plug, Overmold with cable 216D-04F00



125V

5A

High speed 10 Gbit/s

rugged industrial

Female, Solder Type, Front Fastened 216Y-08F4F Female, Straight, Front Fastened 216X-08FSF

Female, Straight, Rear Fastened

216X-08FSF

Circular connector cable assembly

M Series waterproof connectors are wildly used for industrial automation, building automation and automated control systems. We are ready to provide customized cable solutions based on your request!



M12 216 series

incorrect mating connection.





Most commonly used in large industrial device automation or commercial applications, the M23 series provides highly reliable performance for the signal and power transmission. The IP67 protection ensures the communication never interrupted.



221A-04MO0







221A-05FO0

221A-05MF0



Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33 | info@alcom.be | www.alcom.be