

COMPACT

MURRELEKTRONIK M12 CONNECTORS



MURRELEKTRONIK M12 230 V WITH PROTECTIVE EARTH CONNECTION

Murrelektronik presents two new M12 connectors with protective earth connection for 230 V AC/DC applications. Use compact M12 connectors for voltage supply outside the traditional 24 V machinery and plant construction too. The new M12 230 V connectors are available with a plastic knurled screw in signal red or as dual key way version with ½" UNF metal screw fixing. With their C-coding, both models ensure safe connections for more safety in your installation.



C-CODING

- 230 V AC/DC/4 A
- 3-pole C-coded with protective earth (leading)
- Plastic knurled nut in bright red
- Male/female straight/90°
- Wire cross section 0.75 mm²



DUAL KEYWAY

- 230 V AC/DC/4 A
- 3-pole C-coded with protective earth (leading)
- 1/2" UNF – screw fixing
- Male/female straight/90°
- Wire cross section 0.75 mm²



MURRELEKTRONIK M8/M12 CONNECTORS COMPLY TO NFPA 79

NOW MURRELEKTRONIK'S M8/M12 CONNECTORS WITH PUR-UL/CSA CABLE ARE NFPA 79 COMPLIANT!

New NFPA 79 standard (2012 edition):

AWM cables are permitted according to the new NFPA79 (2012 edition), if they are suitable for the application provided. One of the following three features has to be proved:

- The cable is part of an assembly group that is listed for this application.
- The cable is specified for applications in a specific system and is used according to the instructions from the system manufacturer.
- The cable meets specific design requirements regarding wire arrangement, VW1 non-flammability, insulation wall thickness and labeling.

MURRELEKTRONIK STANDARD PUR-UL/CSA CABLES MEET THE THIRD REQUIREMENT AND ARE NOW NFPA79 COMPLIANT.

Murrelektronik PUR-UL/CSA cables with:

- UL AWM jacket style 20233 (external use)
- Highly flame retardant according to UL VW-1
- Suitable for use in C-tracks: > 5 mio. bending cycles
- Suitable for robots: $\pm 180^\circ/m$ (2 million cycles)
- UL/CSA approval
- 3 standard jacket colors: yellow, gray, black
- 3 standard wire diameters (0.25mm², 0.34mm², 0.75mm²)

