

CONEC has extended its range of IP67 connectors with bayonet locking by a new power connector variant in addition to data and bus connectors.

The connector series is designed for industrial cable connections with IP67 protection and the bayonet locking allows a quick, simple and robust connection in harsh environments.



A 2- and 3-pos. version is available within the IP67 power bayonet connector series. The 2-pos. version is mainly designed for DC use up to max. 48 V DC and the 3-pos. version utilizes a premating contact for AC up to max. 250 V AC with protective earth contact (PE).

The contacts are designed as crimp variants for wire cross sections from AWG 12 to AWG 10 and optionally AWG 10 to AWG 8 for the 2-pos. and also from AWG 14 to AWG 12 for the 3-pos. version. The crimp connection allows for easy, safe and quick mounting of the contacts that are included in the connector kit.

Shape and panel cut-outs have been made according to the existing IP67 series for RJ45, USB 2.0 and Fiber Optic LC Duplex which allows a flexible use of different connector versions within one system.

Benefits:

- Easy and safe locking by bayonet lock
- High current carrying capability
- Cable to cable connection
- Cable to receptacle connection
- Protective cap with tether available

Fields of application:

- Automation systems
- Industrial process control
- Communications equipment
- Diagnostic equipment
- Outdoor telecommunications systems
- Use in harsh environments

No. of poles	Gender	Current rating	Working voltage	Temperature range	Suitable for cable sizes	Degree of protection in mated condition
2-pos.	Male, female	30A	48 V AC/DC	-40°C bis +100°C	AWG 8* – 10 AWG 10 -12	IP67
3-pos. (2+PE)	Male, female	20 A	250 V AC/DC	-40°C bis +100°C	AWG 12 – 14	IP67

* For AWG 8 stranded 19/21, 37/24 and 65/26 wire only



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