

## **Press Release**

August 6 2021

### **Modular insert system offers multiple media connections in a single coupling**

Latest news for the MULTILINE E multi-media coupling from Eisele

**With the MULTILINE E, Eisele offers a unique modular solution for individually configurable multiple and multi-media couplings. A practical locking bracket and the M12 power plug for power electronics extend the application area of the modular system for multi-media couplings and offer optimal possibilities for supplying industrial robots and tool changes.**

The MULTILINE E is a completely new modular system for the combination of compressed air, vacuum, gases, cooling water, liquids, electrics and electronics in a coupling body. With the MULTILINE E, Eisele sets standards for tool and format part changes on industrial machines and robots. This innovative interchangeable modular system makes it possible to combine different hose diameters, connection types and media types that can be flexibly integrated into a multiple port coupling.

### **Optimized hand power and electrics**

Eisele now also offers a housing version with a practical locking bracket for the MULTILINE E multi- and multi-media couplings, which makes it possible to couple and uncouple supply lines in just a few seconds. Thanks to this quick-change system, a lower clamping force is required, so that a MULTILINE E multi-coupling with minimal effort, which is fully equipped with drip-free adaptive inserts, can also be operated.

### **No-drip feature under media pressure**

The drip-free sealing adaptive inserts enable the coupling and uncoupling of liquids and the combination with the new M12 power plug for power electronics in one coupling. The M12 power plug is suitable for power supply at voltages up to 630 volts. It is the smallest and most compact connection for cables with cables up to 2.5 mm<sup>2</sup> on the market. The adaptive set with up to five power contacts delivers up to 16 A per pin and is proof of polarity, shock and vibration. During the development of the M12 power plug, special attention was paid to the safety aspects and the housing was made of high-quality plastic. In addition, over molded cables ensure tightness and protect against contamination.

(2,171 characters incl. spaces)

## **Press Release**

### **About Eisele Connectors:**

Eisele Connectors, Inc. is a subsidiary of Eisele Pneumatics GmbH & Co. KG, which emerged from a company founded in 1939. With more than 75 years of experience in precision machining, Eisele is one of the world's leading suppliers for high quality all-metal connectors and in developing custom connector solutions.

Drawing from the company's proven German manufacturing expertise, Eisele's North American facility keeps an expansive stock of products and can optimally supply its customers and respond quickly to fulfill needs. The company is part of a global logistics network that guarantees fast availability of products to the global market and is a member of the American Welding Society (AWS), the Society of Automotive Engineers (SAE), the Society of Manufacturing Engineers (SME) and the Association for Hose Accessories Distribution (NAHAD).

Learn more at: <https://www.eisele-connectors.com/homepage/eisele-multiline/multiline-e/>

### **Captions:**

Eisele\_Multiline\_E.jpg: The practical locking bracket makes it possible to couple and uncouple the MULTILINE E multi-coupling from Eisele in just a few seconds

Eisele\_M12\_Powerstecker.jpg: The M12 power plug for power electronics is the smallest and most compact connector for cables with cables up to 2.5 mm<sup>2</sup> on the market

### **Keywords:**

MULTILINE E, multi-coupling, modular system, robot, industrial machinery, M12 power plug, locking bracket, coupling, multi-media coupling, electronic plug, electric plug, multi-coupling

### **Meta-Title:**

What's new at the MULTILINE E from Eisele

### **Meta-Description:**

Eisele presents real world novelties for robot supply with the practical locking bracket for the MULTILINE E and the M12 power plug

**Deep link:** <https://www.eisele-connectors.com/homepage/eisele-multiline/multiline-e/>