M12 – Push-Pull Round Cable - Connect faster. Lock securely. Deliver reliably.

ASSMANN WSW components GmbH offers the solution for demanding connections: Our cable assemblies with M12 V-Push-Pull connectors feature tool-free installation, reliable locking, and maximum vibration resistance. Designed for industrial applications, we deliver consistent performance even under harsh conditions—robust, efficient, and ready for immediate use.

Compared to traditional M12 screw connections, they significantly reduce assembly times while increasing process reliability. Errors caused by insufficient tightening are avoided, and the robust design ensures a reliable connection even under harsh industrial conditions.

Your Benefits at a glance

- M12 push-pull connectors for fast, secure connections
- Tool-free installation—ideal for tight installation spaces
- High vibration resistance and industrial reliability
- Reduced assembly times and lower downtime costs
- Perfect for mechanical engineering, automation, and Industry 4.0

A, B, D, X, and L encodings are available in M12 push-pull systems. Different encodings are used depending on the application.

- **A-coding**
  Typical for sensor applications/standard signals—polarity, 4 A, 48 V AC / 60 V DC for an A-coded push-pull model. Suitable for classic industrial signals.
- **D-coding**
  Used for data applications in industrial environments.
- **X-coding**
  For higher data rates in Ethernet environments. X-coded variants are rated at 500 mA / 60 V DC and are well-suited for high-performance data signals.
- **L-coding**
  Available for power applications in M12 environments.

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AWSW order code	Länge [mm]	Code- Variante	Polzahl - Type	Zeichnung
A-M12D04MOE10005BKP0	1000	D - external lock	4 Pin – male	ASS 11800 CA
A-M12X08MOE10005BKP0	1000	X - external lock	8 Pin – male	
A-M12A08MOE10005BKP0	1000	A - external lock	8 Pin – male	
A-M12A04MOE10005BKP0	1000	A - external lock	4 Pin – male	
A-M12A05MOE10005BKP0	1000	A - external lock	5 Pin – male	
A-M12A12MOE10005BKP0	1000	A - external lock	12 Pin – male	
A-M12L05FOE10005BKP0	1000	D - external lock	5 Pin (4+FE) – male	ASS 11801 CA
A-M12D04FOE10005BKP0	1000	D - external lock	4 Pin – female	
A-M12X08FOE10005BKP0	1000	X - external lock	8 Pin – female	
A-M12A08FOE10005BKP0	1000	A - external lock	8 Pin – female	
A-M12A04FOE10002BKP0	1000	A - external lock	4 Pin – female	
A-M12A05FOE10005BKP0	1000	A - external lock	5 Pin – female	
A-M12A12FOE10005BKP0	1000	A - external lock	12 Pin – female	
A-M12L05MOE10005BKI0	1000	L - external lock	5 Pin (4+FE) – male	ASS 11802 CA
A-M12D04MOE10005BKI0	1000	D - internal lock	4 Pin – male	
A-M12X08MOE10005BKI0	1000	X - internal lock	8 Pin – male	
A-M12A08MOE10005BKI0	1000	A - internal lock	8 Pin – male	
A-M12A04MOE10005BKI0	1000	A - internal lock	4 Pin – male	
A-M12A05MOE10005BKI0	1000	A - internal lock	5 Pin – male	
A-M12A12MOE10005BKI0	1000	A - internal lock	12 Pin – male	

ASSMANN WSW components

LEADING CUSTOMIZED CONNECTIVITY SOLUTIONS

CONNECTORS | THERMAL MANAGEMENT | CABLE ASSEMBLIES | CAPABILITIES

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