

Coding Overview

| Coding | Image Coding | Description | Purpose |
|-------------|--------------|--|--|
| M8 | M8 A-coding | M8 A-coding Available with 3, 4 and 8 poles | Flexible solutions for almost every application including small power applications for servo drives |
| | M8 B-coding | M8 B-coding Available with 5 poles | Flexible solutions for almost every application including small power applications for servo drives |
| M12 | M12 A-coding | M12 A-coding Available with 3, 4, 5, 8 and 12 poles | Flexible solutions for almost every sensor/actuator application including sensor data transmission |
| | M12 B-coding | M12 B-coding Available with 4 or 5 poles | Connection for sensors/actuators and PROFIBUS applications |
| | M12 C-coding | M12 C-coding Available with 3, 4 and 5 poles | Connection for sensors/actuators (also known as U-coding) |
| | M12 D-coding | M12 D-coding Available with 4 poles | Connection for Industrial Ethernet applications (e.g. PROFINET, EtherNet/IP, EtherCAT, ...) |
| | M12 K-coding | M12 K-coding Available with 5 poles | High power connection for field devices, drives, AC motors, frequency inverters and for the Lumberg Automation LiON-Power family |
| | M12 L-coding | M12 L-coding Available with 5 poles | |
| | M12 S-coding | M12 S-coding Available with 4 poles | |
| | M12 T-coding | M12 T-coding Available with 4 poles | |
| | M12 X-coding | M12 X-coding Available with 8 poles | Connector for Industrial Ethernet (10 Gbit/s, Cat6) applications |
| | M12 Y-coding | M12 Y-coding Available with 4 + 2 x 2 poles | Hybrid connector for automation industry |
| 7/8" | 7/8" | 7/8" Available with 2, 3, 4 and 5 poles | Power connection for rough environments such as mining, automotive, machine building or subsea technologies |
| M23 | M23 | M23 Available with 12 and 19 poles | Power and signal transmission for engines, controls or drives such as lathe- or milling-machines |