

**ERNI**

## ERNI M8 Connectors for Automation Systems and M12 Circular Connectors for Sensors/Actuators

ERNI M8 and M12 connectors can be used for a multitude of industrial applications and bus technologies. ERNI has a complete product offering of M8 and M12 PCB versions as well as the circular connector system, offering cable versions. Featuring SMT termination, connectors are available in various heights and with different pin configurations. Various cable qualities and standard lengths contribute to a cost-effective automation solution.



### Features ▶

- Cost-effective SMT version
- LCP material allows higher operating temperatures than IEC requests
- Cost-effective stamped female contact
- Bulk packaging has no impact on coplanarity due to stable design
- Overmolded cable connectors with locking mechanisms for vibration

### Benefits ▶

- Shock- and vibration-resistant
- Competitive: modular tools, standard sizes and contacts
- SMT termination-compatible and process-compatible
- Availability of most popular cable styles

### Applications ▶

- Low-voltage sensor switch devices
- I/O sensor actor boxes
- Industrial Ethernet switches
- Fieldbus controllers with Profibus, Interbus, DeviceNet, and other technologies
- All decentral field devices, drives

### Product Specifications ▶

Part Number	Description	Pins	Height (mm)	Termination	Packaging	ROHS Compliant
194781	Female M12	5	17	SMT	Bulk	Yes
224064	Female M12	5	17	SMT	Tape and reel	Yes
234040	Female M12	4	17	SMT	Bulk	Yes
234041	Female M12	4	17	SMT	Tape and reel	Yes
254310	Female M12	8	17	SMT	Bulk	Yes
254206	Female M12	5	17	SMT	Tape and reel	Yes
254205	Female M12	5	17	SMT	Bulk	Yes
244790	Male M12	5	17	SMT	Bulk	Yes
244934	Male M12	5	10.5	SMT	Bulk	Yes
244794	Male M12	5	17	SMT	Bulk	Yes
254188	Male M12	4	17	SMT	Bulk	Yes
254317	Male M12	8	10.5	SMT	Bulk	Yes
254319	Male M12	5	10.5	SMT	Bulk	Yes
254859	Male M12	4	10.5	SMT	Bulk	Yes
244936	Male M12	8	10.5	SMT	Bulk	Yes
244798	Male M12	4	17	SMT	Bulk	Yes
244942	Male M12	4	10.5	SMT	Bulk	Yes
244790	Male M12	5	17	SMT	Bulk	Yes
244934	Male M12	5	10.5	SMT	Bulk	Yes
244794	Male M12	5	17	SMT	Bulk	Yes
254188	Male M12	4	17	SMT	Bulk	Yes
254317	Male M12	8	10.5	SMT	Bulk	Yes
254319	Male M12	5	10.5	SMT	Bulk	Yes
254859	Male M12	4	10.5	SMT	Bulk	Yes
244936	Male M12	8	10.5	SMT	Bulk	Yes
244798	Male M12	4	17	SMT	Bulk	Yes
244942	Male M12	4	10.5	SMT	Bulk	Yes
224151	Female M8	4	16.25	SMT	Tape and reel	Yes
224150	Female M8	3	16.25	SMT	Tape and reel	Yes
234233	Female M8	3	16.25	SMT	Bulk	Yes
234234	Female M8	4	16.25	SMT	Bulk	Yes
224152	Male M8	4	16.25	SMT	Tape and reel	Yes
234235	Male M8	4	16.25	SMT	Bulk	Yes

Note: A variety of standard cable assemblies is also available. Please contact your local Arrow sales representative for more information at 800-349-4960.