

SPOTLIGHT ON**THE M12 (12 MM) CONNECTOR**

Encoder Products Company, manufacturer of Accu-Coder™ brand encoders and leader in encoder innovation, has revolutionized the electrical connection standard for the encoder industry with another first. The M12 connector is the connector of choice for such motion control components as proximity switches and photoelectric switches, but has not previously been available as an encoder option – until now.

What makes the M12 connector so great?

The M12 connector is much smaller than the MS style connectors traditionally used on encoders and the associated cordsets have a tighter bend radius. As a result, an Accu-Coder™ encoder with a M12 connector option has a lower profile, allowing an easier and more flexible installation. And, when running cable through panels, the M12 requires a smaller hole than do many other common connectors.

Another key feature of the M12 option is uniformity. Unlike the traditional MS type connectors, which have a variety of pin-outs and casing styles, the M12 option uses just two connectors; a 5-pin or an 8-pin. As a new standard, each pin on a given connector is assigned the same function for all Accu-Coder™ models. This means the same cordset will work for all Accu-Coder™ models with a given M12 connector, reducing stocking requirements. And, as an added benefit, the cordsets you already own and stock can be used when upgrading or changing to another Accu-Coder™ model, often without the need to change your existing wiring connections.

In addition to encoders, most motion control applications include sensors or other detectors. Quite often, these devices (limited switches, proximity switches, and the like) will also have M12 style connectors. Since the 3-, 4-, and 5-pin cordsets are all compatible with the 5-pin M12 connector available on your Accu-Coder™, it is possible for you to stock fewer cordsets to cover your multiple motion control devices, making this option even more efficient and cost effective.

**Encoder Products Company**SUNSTAR 传感与控制 <http://www.sensor-ic.com/> TEL:0755-83376489 FAX:0755-83376182 E-MAIL:szss20@163.com**Your Encoder Source for Over 30 Years**
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*With the M12 Connector available on such a wide range of models,
EPC has one just right for you!!*

