

Product Launch **M16 Signal Connectors** Plastic-Molded • Pre-Assembled

Coninvers has expanded its signal circular connector program with a completely new M16 product family, the KPV series.

M16 circular connectors have gained recognition as a master connection for miniature multi-port systems and for M8 sensor-actuator boxes as well.

The pre-assembled and plastic-molded connecting cables are available in 8, 10, 12, and 14 – 19 positions, matching respectively the positions of multi-port boxes. These ready-to-use connecting cables simplify system installation and help to reduce sources of error at wiring.

Beyond that, the KPV series is also compatible with M16 connectors (IEC 130-9), commonly used for control and measurement engineering. For these applications, the KPV series offers pre-manufactured and PUR-molded connecting cables as "plug and play" components.



Products - Series KPV

Cable socket, straight version: Style 1
Cable socket, angled version: Style Z

M16 connectors Series KPV:
pre-assembled and plastic molded in
8, 10, 12 and 14 – 19 positions

Further connector styles:

- Cable plug (pin), plastic molded on request
- Device plugs and receptacles in preparation
- EMI-protected versions in preparation
- Cable assembly version up to 19 positions with Piercecon® Quick Termination on request

Main characteristics

- Time-saving cable termination with pre-assembled and electrically-tested connecting cable
- No complicated assembling or installation of connector/cable
- Hybrid cable for signal cores up to 0,34 mm² / power cores up to 0,75 mm²
- Durable mechanical construction with PUR molding enables high chemical stability
- High-quality anti-bend protection for small bending radius and high flexibility
- Protection class IP 67
- Gracefully designed connector shell with small dimensions - compatible with the smallest M8 boxes
- Compatible with the enhanced M16 connector standards (IEC 130-9)
- Rated voltage 125 VAC / 150 VDC for all number of positions

Product Availability

Scheduled for production starting May 2002 with the 14-pos. version

Range of Application

- Master connection of sensor-actuator boxes
- Termination for weighing equipment
- Linear measuring systems, distance sensors
- Hybrid termination technology for multi-position signal transmission or field buses with power supply

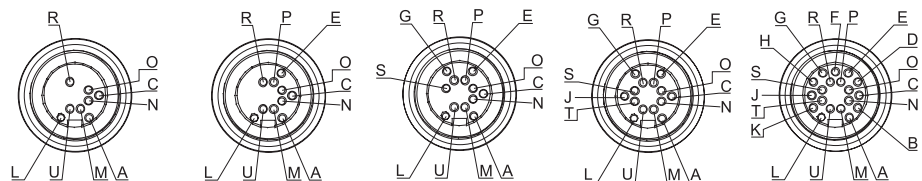
Documentation (attached)

- Catalog "Piercecon Quick Termination Technique" Edition 01/09
- Flyer "Piercecon Quick Termination - Short Form Catalog" Edition 01/11
- Price list Series KPV

Sample (enclosed)

- Cable socket 19 positions each, assembled in angled and straight versions, with a 12-core cable connected (dummy for sample case)

Mating faces (socket):



Positions:	8	10	12	14	19
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