

OMRON

XF2 Series

FPC Connectors – Flexible Printed Circuit

- **Series Range is 0.3mm to 0.5 mm**
- **Rotary Backlock Mechanism**
Slider does not disconnect if the FPC is lifted: High reliability-A mounted FPC will not come off if excess force is applied to it.
- **Double-sided contact (Note: Except the XF2C and 61-pin XF2B-61)**
No need to discriminate between the upper and lower FPC contacts: Connectors are the same, so it's not necessary to distinguish between the upper and lower contacts when connecting upper and lower PCBs.
- **Delivered with the rotary slider open**
Reduces the labor required to mount FPCs: Assembly speed is improved over the conventional rotary locking type because the rotary slider does not need to be released.



XS5 Series

Industrial Connectors – Sensor I/O Cables

- **Connector Type:**
- M12 Sensor I/O Connector (Bayonet Locking Mechanism)

- **Available Models:**
- Standard cables
- Vibration-Proof Robot Cables
- Oil-Resistant Polyurethane Cables
- CL3 Cables

- **Features:**
- Smartclick: Twist-Click connection with approximately 1/8th of a turn
- An audible "Click" and tactile response
- Interchangeable with standard screw type M12 connector
- Waterproof; IP67 rating



"Super" MK-S Series

Relays – General purpose

- **Features:**
- Switching: 10A max.
- Octal base plug-in
- IEC Rating 7A 250 AVC, general use, 100,000 cycles
- New two way lockable test button models available
- Options include test button, LED Indicator, Diode, Varistor, and wiring styles
- Wider operating temperature versus previous MK Relays.



G7L Series

Power Relays – General purpose

- **Features:**
- Switching: 30A max.
- Reliable high power relay
- 3mm contact gap
- UL 3 HP @ 277VAC Rating
- Class B insulation standard
- Most cost effective solution in its class
- Ideal for pump, motor loads



D6F-10/20/50 Series

Sensors – MEMS In-Line Mass Flow

- **Features:**
- Precision unidirectional mass airflow up to 50LPM
- Stable output
- Alternate manifold mount with NBR 'O' ring (A5 version)
- Low power consumption
- High accuracy and repeatability

Air/Gas Applications:

- Medical devices
- Fuel cells
- Lab equipment
- Welding equipment



D6F-P Series

Sensors – MEMS Mass Flow
With Integrated Dust Segregation System (DSS)

- **Features:**
- Improved performance & low flow resolution compared to differential pressure sensors
- Precision mass airflow up to 1LPM inline
- Use in Bypass Configuration for higher flow rates
- Bidirectional models available
- PCB Terminals or Connector type
- Cost effective

The Advantage of a Bypass Set-up:

The D6F-P mass flow sensor when applied in a bypass set-up can measure flow rates way beyond its 1LPM in-line rating. The pressure differential required to pull airflow through the sensor can be accomplished by installing a flow restrictor between the two pick-up ports. Contact Omron for bypass design assistance.

