

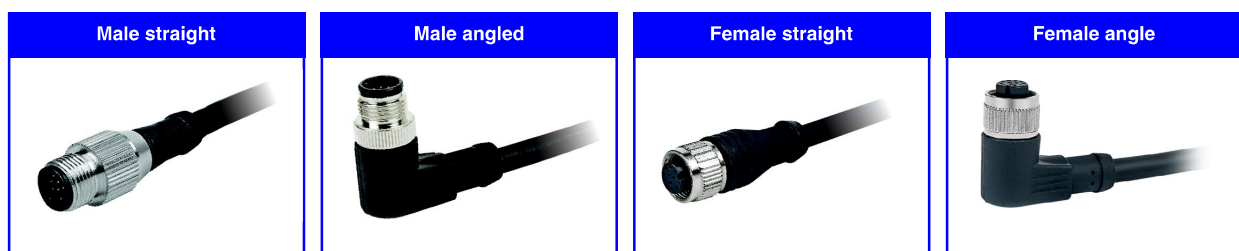
# New Product Launch...



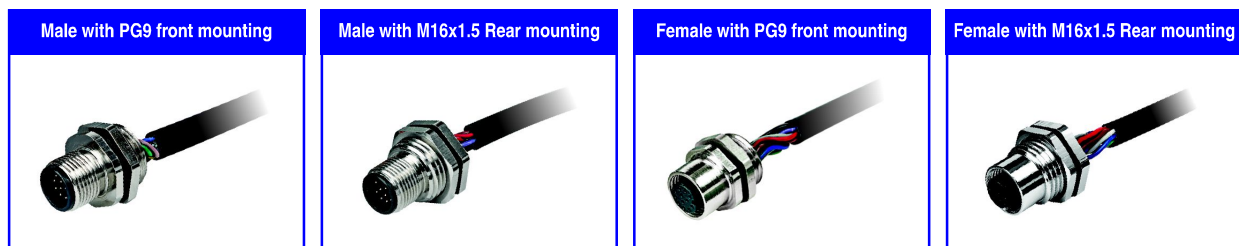
## M12, 12-pin Male / Female Circular Connectors

KATLAX Introduces connectivity solutions for Encoders, Wind turbine application, Industrial Smart Cameras, Machine Vision Applications, Industrial Laser & Barcode Scanners, Inspection Cameras, Night Vision System, Surveillance, Monitoring Cameras and much more....

### Pre wired



### Rack or panel mount



### Sensor tube insert



### Technical Specifications

Rated Operational Voltage	: 30 V
Current Rating at 40°C	: 1.5 A
Insulation Resistance	: $\geq 100 \text{ M}\Omega$
Temperature Range	: -25°C...+75°C
Degree of Protection	: IP67
Grip Material	: PU
Contact	: CuZn
Contact Surface	: Gold Flash
Contact Carrier	: Nylon 66
Coupling Nut / Metal Body	: Zinc Die-casted / CuZn, Ni plating
Cable	: PVC / PUR
Cross Section	: $0.14 \text{ mm}^2$
Shielding	: Shielded / Non-shielded
Termination	: Open ended or Dual as per customer requirement
Cable Length	: As per customer requirement

Pin Assignment											
1	2	3	4	5	6	7	8	9	10	11	12
Brown	Blue	White	Green	Pink	Yellow	Black	Grey	Red	Violet	Grey/Pink	Red/Blue

## M12, 12-pin Male / Female Circular Connectors

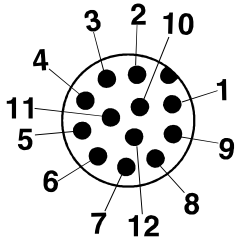
### Application



Acceleration sensor used in Wind turbine for shock and vibration detection



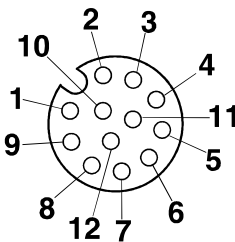
Encoders



**Male**



Industrial smart Cameras and Machine vision applications



**Female**

### Other Applications

- Encoders : Absolute, Rotary, Incremental etc.
- Industrial Ethernet : Ethernet / IP, Profinet
- Acceleration sensors, Wind Turbine, Shock and vibration detection sensors
- Sensors, Actuators, Motors
- Packaging, Labeling and logistic devices
- Industrial automation, Factory automation and Process control
- Industrial Instrumentation
- LED Display panel



### KATLAX ENTERPRISES PVT. LTD.

Works : Block Nos. 117-119, Santej-Vadsar Road, Santej,  
Tal. Kalol, Dist. Gandhinagar - 382 721. Tel. : +91-2764-286784/5  
• E-mail : [info@katlax.com](mailto:info@katlax.com) • URL : [katlax.com](http://katlax.com) • [katlax.de](http://katlax.de) • [katlax.eu](http://katlax.eu)

