

A2K-FFC

Micro Field Fit Connector



Ideal for network customisation...

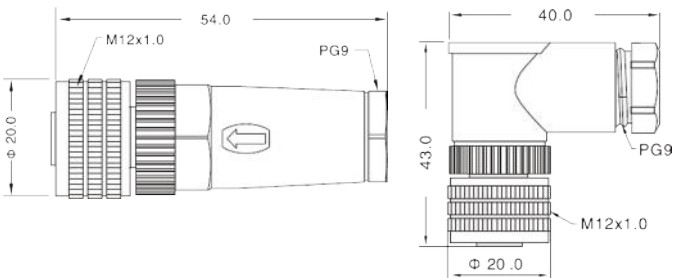
Actisense Field Fit Connectors allow for secure, reliable connections in any NMEA 2000[®] installation using Micro cable. The glands inside the connectors tighten around the cable as they are screwed together to maintain watertight integrity.

The Field Fit Connectors enable cables to be cut to any length resulting in less excess and the right angle option means cables can be fitted at a number of angles to allow ease of installation from the desired entry point.

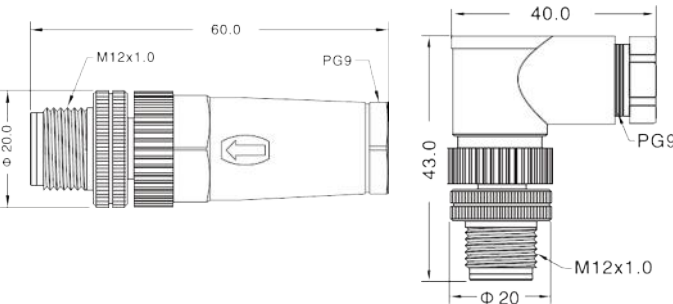
Male and female variants, as well as right angle options for each, provide full flexibility and make it easy to install cable around tight bends, meaning your network can now be fully customised.

Product Dimensions.

Female



Male



Electrical	
Rated Current	4A
Rated Voltage	60V
Mechanical	
Connector Contact	Brass, gold plated
Wire Gauge/Size	22 AWG/0.34mm
Contact Resistance	≤ 5 mΩ
Contact Polarisation	Standard M12 - "A" - polarisation
Mating Thread	M12
Connector Screw	Stainless Steel
Sealing Gland Size	PG9/6-8mm Cable
O-Ring Seal	Rubber, black
Connector Insert	TPU
Connector Body	PA+GF, black
Insulation Resistance	≥ 100 MΩ
Weight - Straight male	21.1g
Weight - Straight female	26.5g
Weight - Right-angled male	22.3g
Weight - Right-angled female	27.8g
Approvals and Certifications	
Protection	IP67 (in locked condition)
Ambient Temperature	-25°C to +90°C
NMEA 2000 Certification Pending	
RoHS Compliant	
IEC 61076-2-101 Compliant	

Connections

Wire Colour	Connector Pins	Name
Green/Bare	Pin 1	Shield
Red	Pin 2	NET-S
Black	Pin 3	NET-C
White	Pin 4	NET-H
Blue	Pin 5	NET-L

