

Modbus Adapter (MOD-A)



Convert the MOD/EXP port on sensorProbeX+ from CAT5 to 2 wire serial cable.

sensorProbeX+ comes equipped with an RS485 Modbus and Expansion port. When using this RJ45 port to connect Modbus appliances, the Modbus Adapter makes it easier to connect a 2 wire serial bus cable to the RJ45 port, converting the RJ45 connector into a 3 pin terminal block connection.

Technical Specifications

Connector	Connector 3 pin phoenix connector : A+, B+, GND
Electrical	Electrical no galvanic isolation
Components	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
Operating Environment	Temperature : Min. -35° C – Max.80° C
Humidity:	Min. 20% – Max. 80% (Non-Condensing)
Interface	
Communications cable	RJ-45 jack to sensor using UTP CAT5e/6 cable
Power source	Powered by the controller unit. No additional power needed
Power Consumption	Typical 0 mWatt, 0 mA
Maximum Cable Length	The Modbus Adaptor can be extended from the RJ-45 Intelligent Sensor ports on the base units up to 1800 feet, or 550 meters using standard CAT5/6 LAN cable
Dimensions	56 x 55 x 33.3 mm
Mounting	DIN rail mounting
	Screw mounting

MOD-A - Technical Drawing

