Orbit® PLC Interface Modules

The PLC Gateway module provides a method of connecting PLC controllers to the Orbit® network data. The PLC Gateway runs the Orbit® network, takes data from the network and stores it in such a way that the PLC controller can access the data. With these gateways, the PLC does not need to handle the Orbit® Protocol.

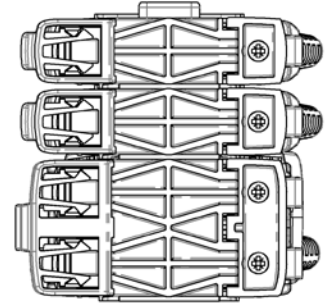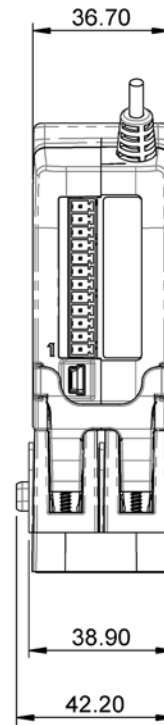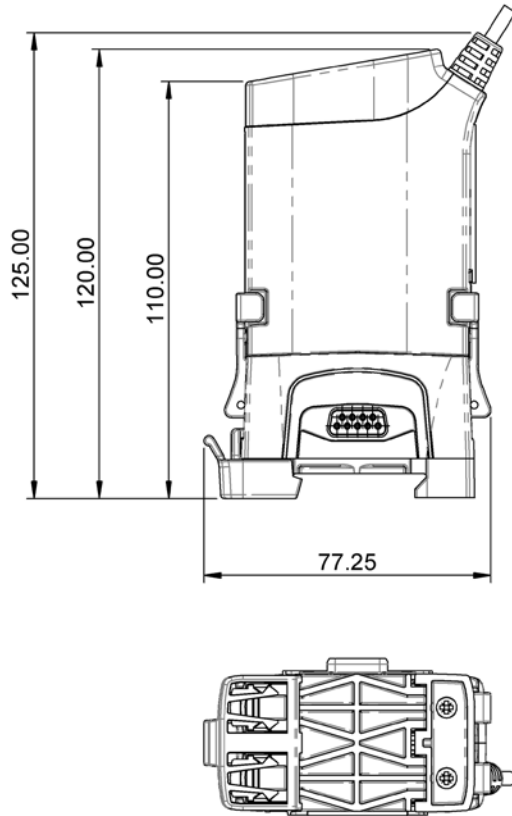| PLC (Programmable Logic Controller) | PLC Gateway | Orbit® Network |

	MODIM	PIM	
Protocol	MODBUS RTU	EtherNet/IP	PROFINET
Data Rate (max) Baud	115.2 Kbs	12 Mbps	12 Mbps
No. of Modules	150	150	150
No. of Module powered (Note 1)	0	10	10
Access Method	RTU	Cyclic or Explicit	TBA
Readings per second	Depends on PLC		
Input Voltage	+5 VDC	+24 VDC	+24 VDC

▶ Note 1: The PIM controller can power up to 10 Orbit® Modules of most types
Some products require additional power supply modules

Orbit® Dimensions

ACS T-Con Construction

PIM T-Con Construction