



Stand Alone Input and Output Modules

VersaMax IP modules are designed for distributed automation tasks in harsh environmental conditions. Modules meet the requirements for both IP65/IP67 protection. They enable the direct connection of sensors and actuators in an environment close to the station. Every VersaMax IP device is connected directly to the bus system.

	IC676PBI008	IC676PBI016	IC676PBM442	IC676PBO082
Product Name	8 Point Input Module, PROFIBUS	16 Point Input Module, PROFIBUS	4 Point Input and 4 Point (2 Amp) Output Module, PROFIBUS	8 Point (2 Amp) Output Module, PROFIBUS
Lifecycle Status	Active	Active	Active	Active
Protocol	PROFIBUS DP	PROFIBUS DP	PROFIBUS DP	PROFIBUS DP
Module Power	24 VDC	24 VDC	24 VDC	24 VDC
Module Power Range	18 VDC to 30 VDC			
Module Current Consumption UL at 24 VDC	35 mA typical, 100 mA maximum	35 mA typical, 100 mA maximum	40 mA typical, 100 mA maximum	40 mA typical, 100 mA maximum
Module Current Consumption US at 24 VDC	4.5 mA typical plus sensor current 700 mA maximum	8 mA typical plus sensor current 1.2 A maximum	4.5 mA typical plus sensor current 700 mA maximum	3 mA typical plus sensor current 700 mA maximum
Module Current Consumption UAXX at 24 VDC	N/A	N/A	6 mA typical plus actuator current, 4 A maximum	12 mA typical plus actuator current, 4 A maximum
Connection Style (M12)	2-, 3-, and 4-wire	2-, 3-, and 4-wire (Y connector to support two sensors per connector)	2- or 3-wire	2- or 3-wire
Operating Temperature	Range: -25°C to +60°C (-13°F to +131°F)			
Degree of Protection	95%. Slight condensation is permitted occasionally on the outer housing, for short periods	95%. Slight condensation is permitted occasionally on the outer housing, for short periods	95%. Slight condensation is permitted occasionally on the outer housing, for short periods	95%. Slight condensation is permitted occasionally on the outer housing, for short periods
Class of Protection	IP65 and IP67 according to IEC 60529			
Housing Dimensions (W x H x D)	60 mm x 160 mm x 44.5 mm	60 mm x 160 mm x 44.5 mm	60 mm x 178 mm x 49.3 mm	60 mm x 178 mm x 49.3 mm