Series 90-70

Communications Modules

PACSystems and Series 90-70 feature a variety of communications options for distributed control and/or I/O, supporting a wide range of communication protocols and configurations. These communication modules are easy to install and quick to configure. Some distributed I/O communications modules allow for numerous remote drops or additional racks, while others provide an interface for GE products up to 7500 feet away from the controller.

	IC697CMM742	IC697CMM711	IC697RCM711
Product Name	Ethernet Interface (Type 2) Module	Communications Coprocessor	Redundancy Communications Module
Module Type	Ethernet Interface	Communications Coprocessor	Redundancy Communications (Hot Standby)
Supports Redundancy	No	No	Yes
Protocols Supported	SRTP Channels and EGD	SNP/SNPX (master, slave), CCM (master, slave,peer), RTU Modbus (slave only)	N/A
Effective Data Rate	19200 bps Serial, 10 Mbps IEEE	N/A	500 Kbytes/sec
Electrical Isolation	N/A	N/A	Non-isolated differential communication
Communications Processor Speed	N/A	12 MHz (80C186)	N/A
Simultaneous Communication Speed	N/A	9.6 Kbps	N/A
Individual Communication Speed	N/A	19.2 Kbps	N/A
RCM Maximum Cable Length	N/A	N/A	50 feet (15 meters)
Built-in Serial Ports	5 (RS-232, RS-485, 10BaseT, AUP, 10Base2)	2 (Serial RS-422 / RS485 or RS-232)	2 (BTM or BRM, bottom connector is UNUSED)
Current Required from 5V Bus	2.0 Amps	0.7 Amp	1.2 Amps