2080SERIALISOL

Allen-Bradley Micro800 Plug-in RS232/485 Isolated Serial Port for M820/M830/M850

MICRO CONTROL SYSTEMS



Component type	PLC communication module
Range	Micro 800
Model	850
Product status	Existing

Allen-Bradley Micro800 controllers offer both a scalable and robust micro control solution for small to large standalone applications and allow for customisation and flexibility. You can elect from a wide range of plug-in modules to match your requirements and make use of Connected Components Workbench™ software to help reduce machine design time and maximise productivity.

ELECTRICAL	With optical interface	No
	Redundancy	No
COMMUNICATION	Number of HW-interfaces industrial Ethernet	1
	Number of interfaces PROFINET	0
	Number of HW-interfaces RS-232	1
	Number of HW-interfaces RS-422	0
	Number of HW-interfaces RS-485	1
	Number of HW-interfaces serial TTY	0
	Number of HW-interfaces USB	0
	Number of HW-interfaces parallel	0
	Number of HW-interfaces Wireless	0
	Number of HW-interfaces other	1
	Transmission rate	19.2 kBit/s
	Supporting protocol for TCP/IP	No
	Supporting protocol for PROFIBUS	No
	Supporting protocol for CAN	No
	Supporting protocol for INTERBUS	No
	Supporting protocol for ASI	No
	Supporting protocol for KNX	No
	Supporting protocol for Modbus	No
	Supporting protocol for Data-Highway	No
	Supporting protocol for DeviceNet	Yes
	Supporting protocol for SUCONET	No
	Supporting protocol for LON	No
	Supporting protocol for PROFINET IO	No
	Supporting protocol for PROFINET CBA	No

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COMMUNICATION	Supporting protocol for SERCOS	No
	Supporting protocol for Foundation Fieldbus	No
	Supporting protocol for EtherNet/IP	No
	Supporting protocol for AS-Interface Safety at Work	No
	Supporting protocol for DeviceNet Safety	Yes
	Supporting protocol for INTERBUS-Safety	No
	Supporting protocol for PROFIsafe	No
	Supporting protocol for SafetyBUS p	No
	Supporting protocol for other bus systems	No
	IO link master	No
CONSTRUCTION	With potential separation	No
	Suitable for safety functions	No
MECHANICAL	Max. shock acceleration	25 g
	Max. vibration frequency, operational	500 Hz
ENVIRONMENT	Rated temperature	-20…65 °C
	Storage temperature	-40…85 °C
	Max. ambient humidity (non-condensing)	95 %
CERTIFICATES/APPROVALS	SIL according to IEC 61508	None

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