

M-Modules for Instrumentation & Motion



	Function	I/O Lines	Resolution	Interface	Miscellaneous	Front Connector	Isolation	Consumption typ.	Software
M72	Motion Counter	4	32 bits	RS422 or TTL, 24 V	Different counter modes	44-pin HD-Sub	Yes	550 mA	Windows, Linux, QNX, VxWorks, RTX, OS-9
M54	DC Motor Controller	1		RS422 or TTL, ± 10 V, 8 binary inputs, 2 binary outputs	LM628, additional binary I/O	25-pin D-Sub	Yes	1 A	Windows, Linux, QNX, VxWorks, RTX, OS-9
M47	SSI Controller	4	32 bits	RS422	Absolute value data input	25-pin D-Sub	Yes	500 mA	Windows, Linux, QNX, VxWorks, RTX, OS-9
M199	FPGA/Nios-based main M-Module with 32 MB SDRAM and 8 MB Flash for integration of user-defined I/O on a USM Universal Submodule plugged onto the main module					1x 50-pin SCSI	Depending on USM		Depending on IP core functions