

Parker Series EX-M05 ValveMaster® Test Unit Service Manual

The test unit EX00-M05 is suitable for testing and commissioning of all proportional and servo proportional valves with onboard electronics that are offered in this catalogue.

For easy on-site service all necessary cables are securely located inside of the rugged case. The test unit provides all command signal sources and measuring ports for concerted and time saving control and diagnosis of the valves. For operation of the hybrid regenerative valves an additional switchable 24 V output is available.

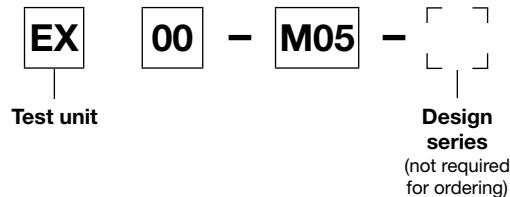


Features

- Control of valves incorporating integrated electronics and central plug acc. EN 175201-804 (6-pin + PE)
- Built-in fuses
- Cable set included
- Lockable rugged box



Ordering code

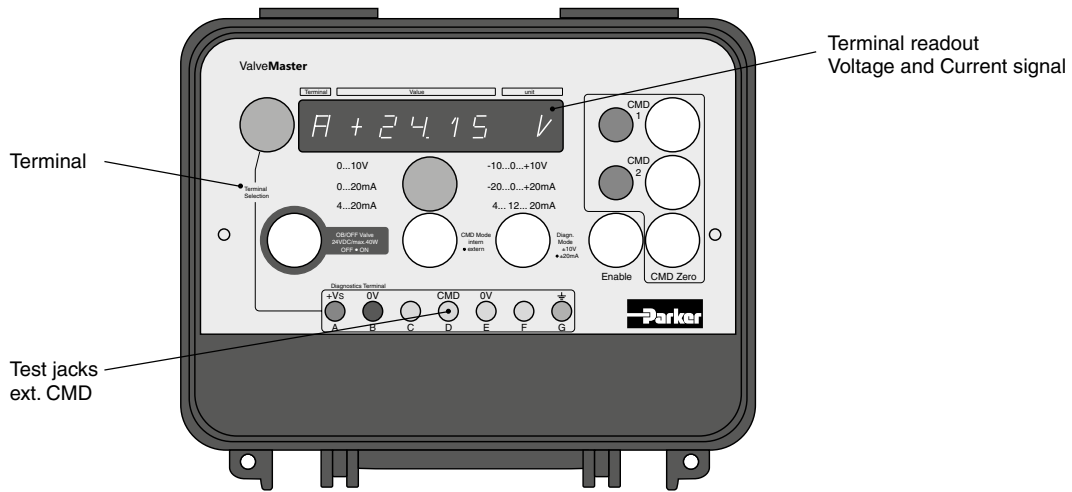


Technical data

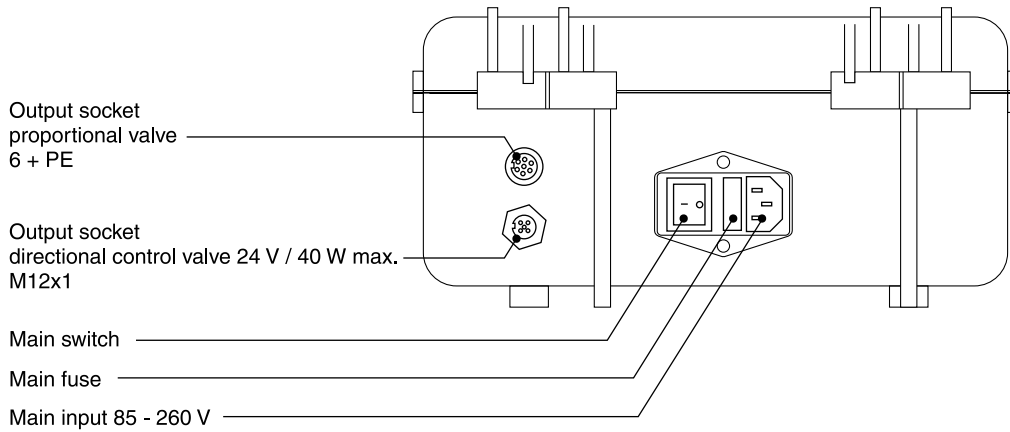
Design		Lockable rugged box, polypropylene (break proof)	
Supply voltage	[V]	85...260, 50...60 Hz	
Power consumption	[VA]	max. 160	
Current consumption max.	[A]	1.3 at 230 V	
Main input fuse	[A]	3.15 time lag	
Required main supply fuse	[A]	16	
Protection class		IP40	
EMC		EN 61000-6-2	
Valve central connection	Valve supply	[V]	24 (±5 %)
	Command voltage	[V]	0...±10 (±1 %), 0...10, 0...±20 mA, 0...20 mA, 4...12...20 mA, 4...20 mA
	Diagnostic output		0...±10 V / 0...±20 mA
	Enable signal	[V]	7.5 (±10 %)
Measurement terminals		For multimeter with Ri min = 10 kOhm	
Display	Display digits		4
	Resolution		10 mV / 10 mA ; 1 digit
Main cord	Unit site		Cable inlet connector IEC320
	Main site		CEE 7/7 plug
	Cable length	[m]	2
Valve cords	Unit site		A - control valves
			B - DC valves
	Valve site		Connector Amphenol SV70 DIN 40040
			Connector M12x1 as per IEC61076-2-101
Valve site		Female connector 6+PE acc. EN175201-804	
			Female connector acc. EN175301-803
	Cable length	[m]	3
Ambient temperature	[°C]	0...40	
Weight	[kg]	3.9	
Dimensions	[mm]	L 305 x B 270 x H 144	

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Operator panel
Front



Rear



Wiring configuration

