

ORDERING CODE INFORMATION FOR Micro-Controller based Bag Filter Controllers MODELS : MBFC-A-S-xC+xF-AA-BB-CC-DD-P / MBFC-PROFI-S-xC-AA-BB-CC-DD-P			
MBFC denotes	Micro-processor based Bag Filter Controller with Digital Display (upto 306 channel output)		
A denotes	Processor type	32 Bit Cortex ARM Controller. It is latest, multifunctional, highly stable and fast acting micro-processor with higher memory capacity.	
MBFC-PROFI	Microprocessor Based Bag Filter Controller with Digital display with PROFIBUS Connectivity.		
MBFC-RS4	Microprocessor Based Bag Filter Controller with Digital display with MODBUS-RS 485 Connectivity		
S denotes	Timer Series	SVF	with solenoid Fault Detection facility.
		DPT-PT	With inbuilt DP Transmitter & Air Pressure Transmitter, SVF & Bag Leakage detection facility along with DP based purging.
		PP	Programable Parallel Purging (Multiple solenoids can purge at a time)
		PP-SVF	SVF Facility in Parallel Purging termed as Group Fault.
		ONL	For On Line cleaning with Compartment isolation facility
		PLNM	Timer for Off-Line Cleaning.
		MC	For Master Controller (Off line / On Line application)
		RABH	For Reverse Air Bag House application.
		SILO	For Silo Aeration application.
xC denotes *	No. of Compartments	e.g.: 6C for 6 Compartments. (This is for Off-Line Cleaning or for multiple compartment system. Programmable upto 16 Compartments.	
xF denotes *	Compartment Isolation F/Bs	e.g. 6F for 6 Compartment isolation feedbacks. This feedback is available only when the Compartment is isolated for maintenance and not during off line cleaning.	
AA denotes	No. of channels	For number of outputs. (Max 306 output channels). For Master Controller Timers the output channels can be upto 4896. For PLNM & ONL series: Outputs divided into Compartment Valve (C.V) outputs & Pulse Valve (P.V.) outputs. Output Channels = (C.V. + C.V. X P.V.)	
BB denotes	Output Device	R: Relay Contact	
CC denotes	Control supply & Solenoid Coil Voltage.	01	110VAC supply Voltage & 110VAC solenoid coil Voltage
		1.24	110VAC supply Voltage & 24Vdc solenoid coil Voltage
		02	230VAC supply Voltage & 230VAC solenoid coil Voltage
		2.24	230VAC supply Voltage & 24Vdc solenoid coil Voltage
		24	24VDC Supply Voltage & 24 VDC Coil Voltage
		U	Control Supply is link selectable at site.
DD denotes	Type of enclosure.	E	Unit with IP-55 enclosure.
		0	Without enclosure
		B	Base plate mounted Unit.
		P	Duly wired up panel with various interlocks and panel accessories, lamps etc.

Application specific Add On Specifications	RTL: Rittal make enclosure HMI: HMI provision on panel door DPT: Differential Pressure Transmitter as input interlock. PT: Pressure Transmitter as input interlock etc. FT: Fuse terminals for PSV connections.
--	---

Ordering Code Decoding: **MBFC-A-PROFI-PP-3-SVF-56R-2.24-P+HMI**

Microprocessor-based Bag Filter Controller, for On-Line cleaning, with Profibus DP-V1 communication, suitable for Parallel Purging facility, with Faulty Solenoid Identification capability, having 56 channel output, working on 230Vac control supply and with 24VDC Solenoid operating voltage. Timer housed in duly wired-up IP-55 grade panel having HMI mounted on door.

* xC & xF codes will appear in ordering code only for PLNM & ONL series Timers. Else xC & xF will not appear in ordering code.