

FLUX MATEC

Flow meter Specification Sheet:

MM12.5/SPFA/40bar/CE, MM20/SPFA/40bar/CE,
MM25/SPFA/40bar/CE, MM30/SPFA/40bar/CE

Model Type	MM12.5/SPFA/40bar/CE MM20/SPFA/40bar/CE MM25/SPFA/40bar/CE MM30/SPFA/40bar/CE			
Flow Rate Range	1 to 65 l/min	2 to 130 l/min	3 to 160 l/min	5 to 220 l/min
Pipe Size	½" BSP female	¾" BSP female	1" BSP female	1¼" BSP female
Pressure Rating	40 bar			
Pressure Drop	0.2 bar @ 32l/min: 0.9 bar @ 65 l/min	0.17 bar @ 65 l/min: 0.69 bar @ 130 l/min	0.17 bar @ 80 l/min: 0.69 bar @ 160 l/min	0.17 bar @ 110 l/min: 0.69 bar @ 220 l/min
Maximum Temperature	70°C			
Viscosity Range	up to 10 cPs; ring factory if higher			
Accuracy	±1 % FSD			
Repeatability	±0.25% reading over top 90% of range			
Weight	2.5 kg	2.5 kg	4 kg	4 kg
Materials of construction:				
Body	316SS			
Internals	316SS			
Rotor	PFA440			
Bearings	Sapphire/Sapphire			
Ferrites	Sealed			
Seal	Viton 'O' ring (subject to chemical compatibility)			
Wetted parts of sensing electronics	316SS			
External materials of sensing electronics	316SS and fitted with LMH rubber hat/boot			
Options:				
Temperature	85°C using FIN technology and 120°C using HT version. 135°C with SS version.			
Pressure	Higher ratings available in SS style to 100, 200, 345 and 1034bar			
Hazardous Area Version	Available at extra cost to EEx ia IIC T5			
Connections	NPT, plain od pipe for butt welding or flanges. In certain applications the flow range given above can be obtained with larger or smaller connection sizes - contact factory for details			
Documentation:				
Operating and Maintenance Manual	LM0111 with General Information LM0092			
Installation Drawing	C3706 and general installation C3729			

These products conform to PED, ATEX and EMC.