

MFM-2210

Fuel System Control Manifold

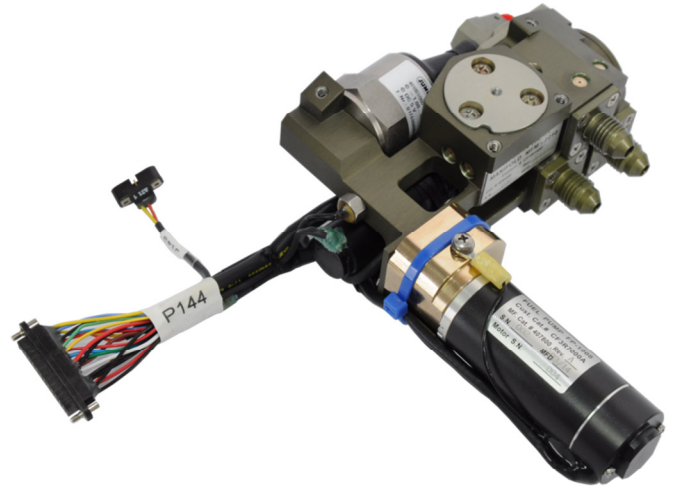
The **MFM-2210** is a high performance, accurate and reliable Fuel System Control Manifold, the purpose of which is to select and regulate the flow of fuel from among three tanks. The manifold measures RPM of the pump, pressure and temperature of the fuel and transmits the data. It was designed and built to perform under harsh environmental conditions, such as shock, vibration and extreme temperatures. The manifold can be developed in different sizes and for a different number of tanks.

Features:

- All activity and motion within the system are controlled; also allows refueling.
- Includes Fuel Pump (see FP-1008 Data Sheet).

Applications:

- Various airborne platforms.

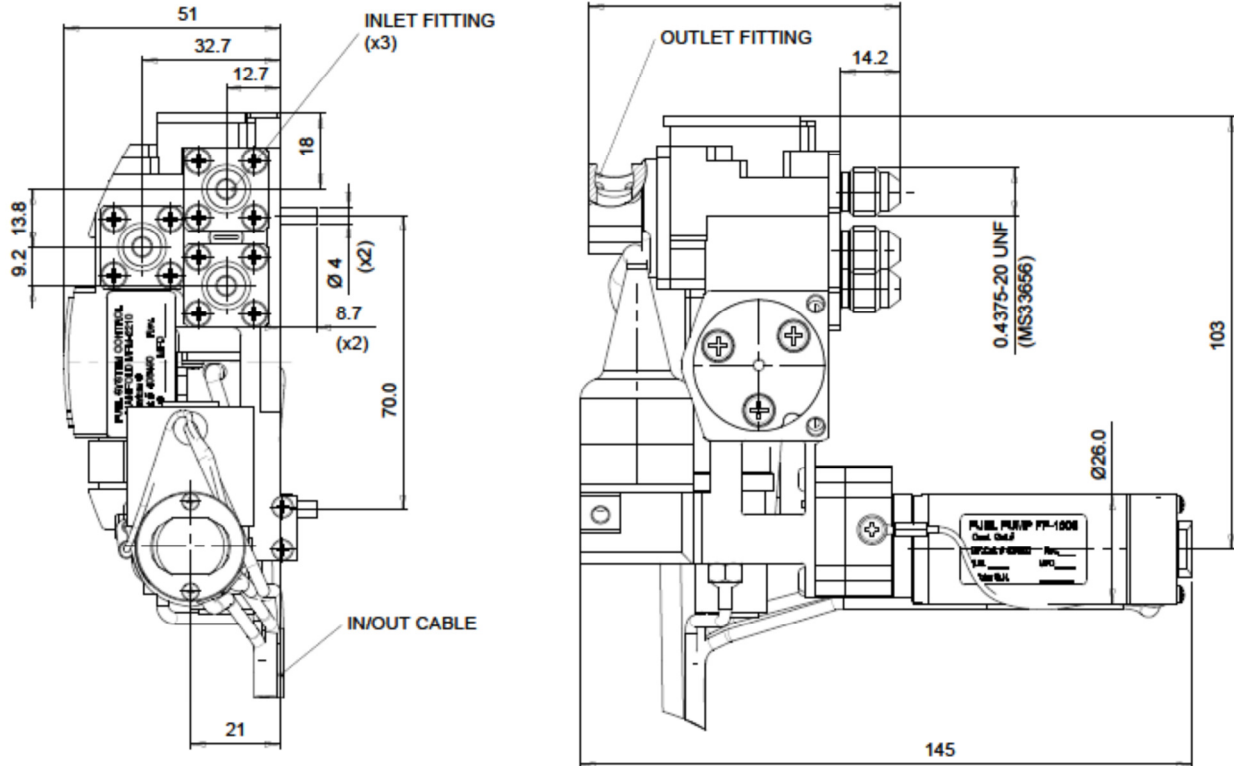


Specifications

Parameters	Units	Values	Tolerances
Fuel flow rate and operating pressure	According to customer specifications		
Internal flow passage	mm	4.5	-
Fuel filters (according to customer spec.)	micron	10-150	-
Fittings	Flared type per MS33656 or AS4395		
"O" ring material	Fluorosilicon per MIL-R-25988 or Fluorocarbon per MIL-R-83485		
Electrical data :			
- Operating voltage	VDC	22; 5	±3%
- Operating current	A	1.5	max.
- Electric connector	-	Nicomatic type	-
- Time for tank selection	sec	1	max.
Sensing ranges :			
- Temperature sensor	deg. C	-55 to +80	
- Pressure sensor (plugged type)	bar absolute	0 - 25	
Operating temperature	deg. C	-50 to +80	-
Weight (according to customer spec.)	kg	0.6 – 0.9	-

MFM-2210 (continued)

Drawing



All dimensions are in mm

For Additional Information

To learn more about the MFM-2210 Fuel System Control Manifold or other MTC products, contact MTC on **+972 4 998 7772** or email marketing@mtcind.com