

## FP-3616

### Gear Fuel Pump

The **FP-3616** is a gear pump with DC brushless electrical motor with special pump motor controller.

#### Pump Construction:

- Brass pump body with stainless steel gear.
- 37° flare inlet/outlet port fittings.
- Aluminum machined electrical motor housing with anticorrosive coating.
- Versatility pump mounting support.
- Special pump motor controller.

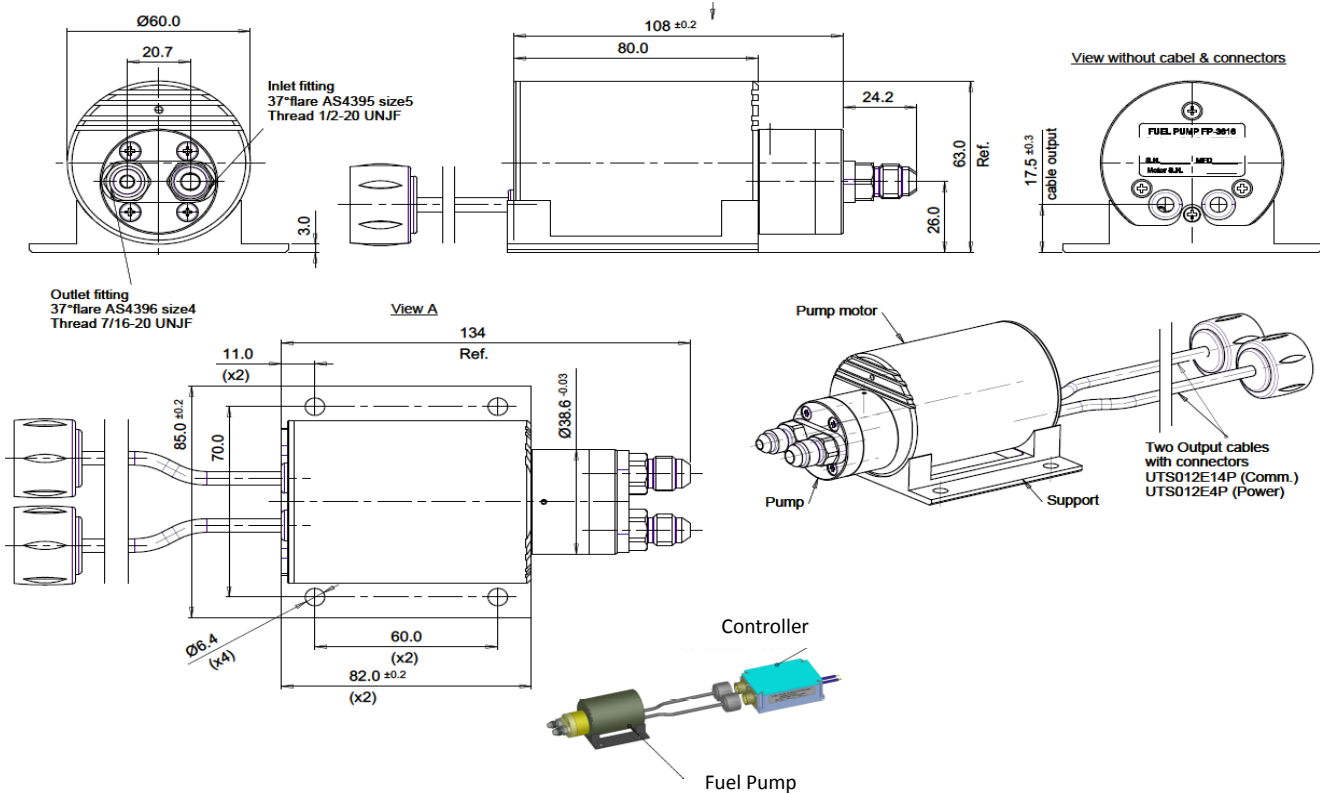


## Specifications

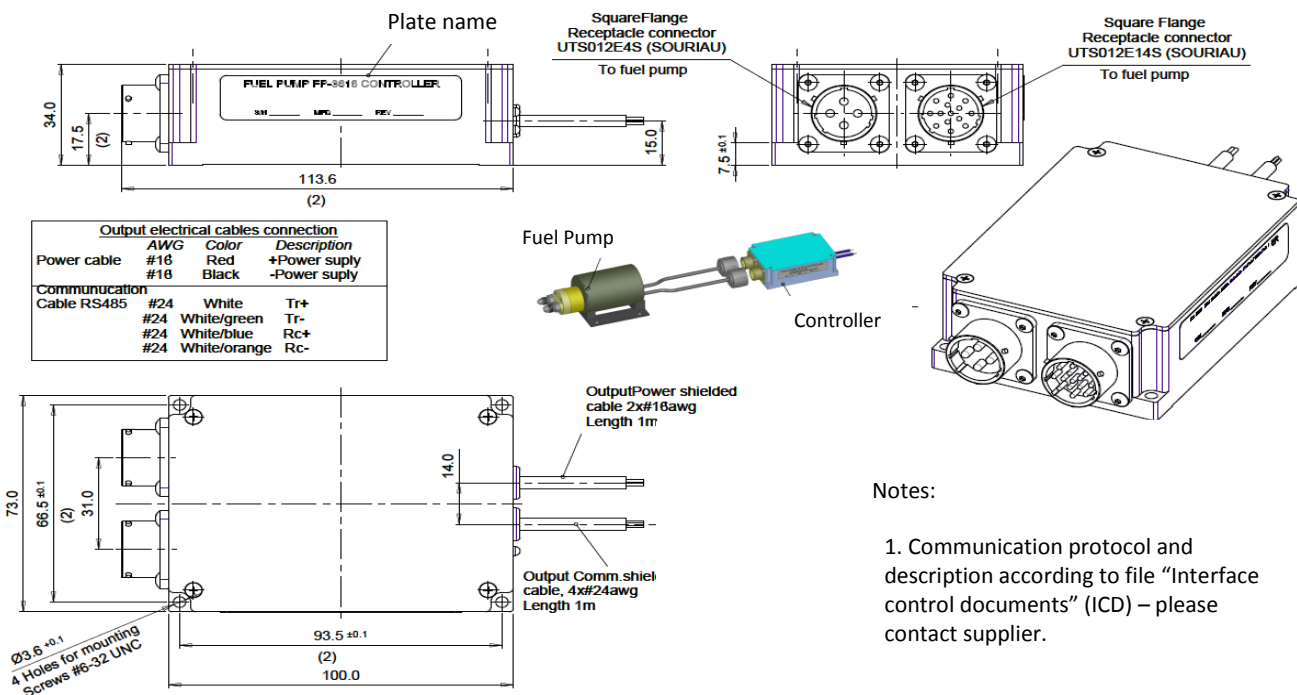
Parameters	Units	Values	Tolerances
<b>Performance</b>			
Fluids		JP-8, JP-10	
Flow measuring range	gr/sec	3.0-36.0	
Max. pressure for 36 g/sec flow	bar	16	
Speed range	rpm	500 - 6500	
Temperature range	°C	-40 to +70	
Mass (include pump with motor, mounting support and Special motor driver)	Kg	1.5 Max	
<b>Electrical</b>			
Supply Voltage	VDC	36-40	
Current (max voltage @ max pressure)	A	9.0 Max	(40V, 16 bar)
<b>Communication</b>			
RS-422, baud rate 115Kbits/sec, maximum frame 200Hz			
Input Command		Message 16 bytes	Main Parameter – Speed RPM
Output Feedback		Message 32 bytes	Main Parameter – Measured speed RPM Measured Current A
Output: Speed accuracy	rpm	±10	

## FP-3616 (continued)

### Drawing # 1 – Fuel Pump with electrical motor



### Drawing # 2 – Special controller for fuel pump



### For Additional Information

To learn more about FP-3616 Gear Fuel Pump or other MTC products, contact MTC on +972 4 998 7772 or email [marketing@mtcind.com](mailto:marketing@mtcind.com)