

# LNG Male Fueling Receptacle

## MFR50 Series

### Application

When mounted on the tank of a Liquid Natural Gas fueled vehicle, the LNG Tank Receptacle offers a safe and secure connection with the CryoMac3 50M LNG Nozzle. In addition to providing a perfect fit with the CryoMac3 50M LNG Nozzle, the LNG Tank Receptacle is engineered to offer the same safe and secure connection with many other LNG Nozzles.

### Features

- Max internal pressure 300 psig /20.7 barg (while fueling)
- Max system pressure 550 psig /38 barg (static)
- Flow capacity 50 GPM
- Available in the more standard inlet connections
- Temperature range -350°F to 150°F ( -212°C to 65°C)
- 100% pressure tested
- Global certifications
- 66% lower LNG emissions during disconnect
- Easy service
- Different outlet available upon request
- Robust poppet design and protection of seat for longer life
- Patent pending



**MFR5008**

### Materials

Body .....	316L Cres Per ASTM A312
Poppet .....	303 ASTM A 582
Spring .....	302 Cres ASTM A313
Seal ASSY (C version) .....	UHMWL Brass
Seal ASSY (Non-C Version) .....	DuronI Stainless Steel
Retainer .....	Brass
Retainer ring .....	Stainless Steel

### Ordering Information

Part Number	Certification	Outlet Connection	GPM
MFR5008	ECE Mark, R110	¾" FNPT	50
MFR5010		37° SAE flare fitting	
MFR5011		M30x1.5 thread metric tube fitting	
MFR5013		M36x2.0 thread metric tube fitting	