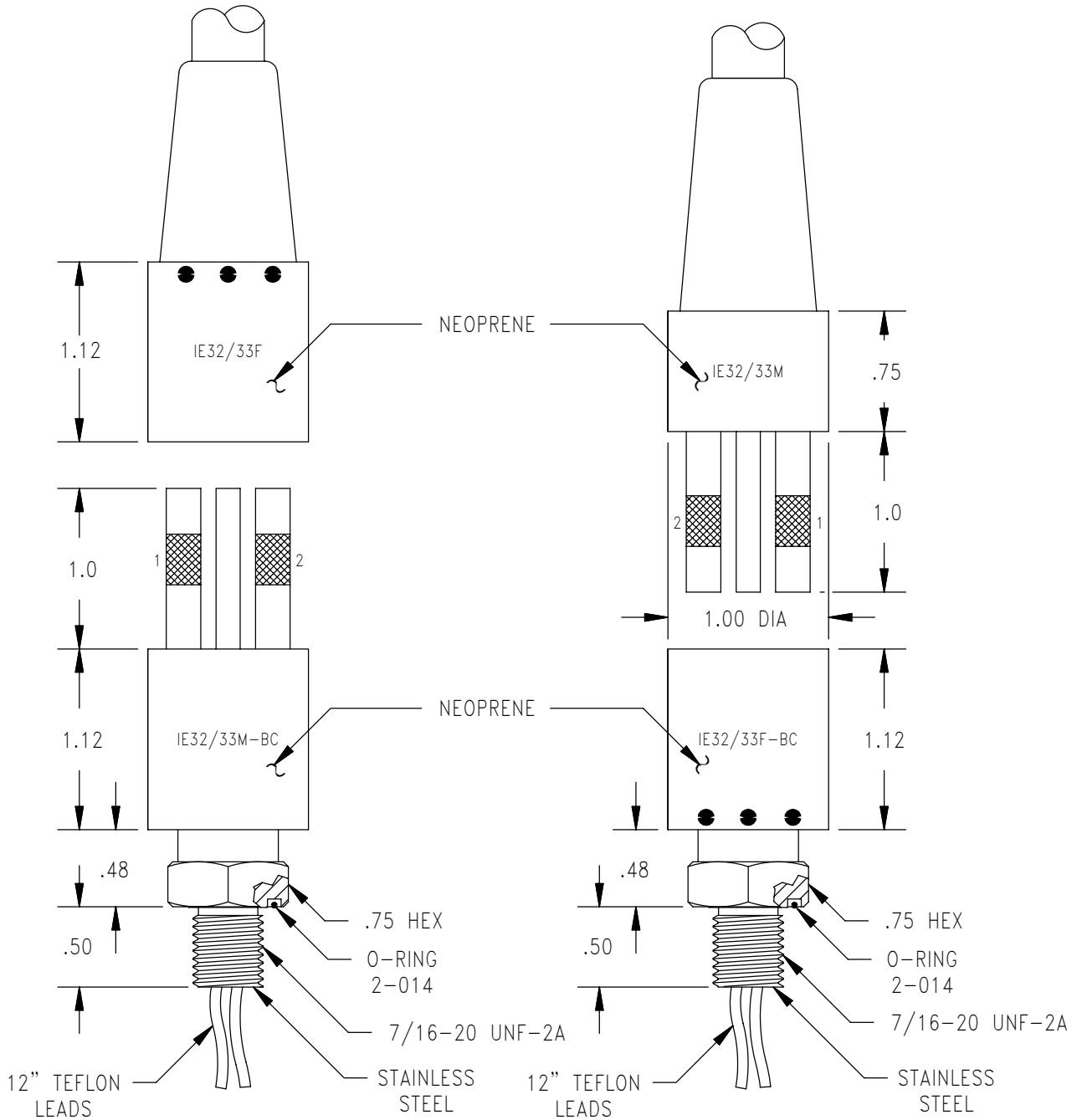


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- DESCRIPTION AND MATERIAL
- Molded neoprene with improved sealing ability.
  - One to four contacts.
  - Up to 600 VDC, 15 AMPS.
  - Rated to 10,000 psi, contact factory for higher rating.
  - Bulkhead connector design open face pressure rated to 5000 PSI.
  - O-rings molded in female connector.
- CABLE
- Connectors in this series are molded on a 24" length of 16 AWG SO cable unless otherwise specified.
  - Bulkhead connectors have 12" teflon leads, Type E per MIL 16878/4 16 AWG, or 12" Belden 34416 leads (Neoprene jacket).
- USES
- Mates with other manufacturers connectors of same design.
  - Permits underwater plugging and unplugging with power off.
  - Light to heavy duty applications.
  - Hazardous environments.
- GUIDELINES
- All mounting surfaces require a 32 finish.
  - Lubricate male pins liberally with Dow Corning #111 Valve Lubricant or equivalent and apply a small amount in each hole of female socket. Connectors must be lubricated on a regular basis.
  - Lubricate o-rings with Dow Corning #111 Valve Lubricant or equivalent.
  - Replace o-rings when re-using connectors.
  - Align index pin prior to mating.
  - Avoid nicks and cuts around contacts as these are the sealing surfaces.
  - Elastomers can be seriously degraded if exposed to direct sunlight or high ozone levels for extended periods of time.
  - Do not over tighten bulkhead nuts.
  - Do not pull on cable to disconnect.
  - Avoid sharp bends at cable entry to connector.



MOUNTING TORQUE FOR BC	not to exceed 100 in lbs
MATED PRESSURE RATING (psi)	10,000
DUMMY PLUG FOR IE32/33M-BC, IE32/33M	IE32/33F-DO *
DUMMY PLUG FOR IE32/33F-BC, IE32/33F	IE32/33M-DO *
* Dummy plugs found on Page 75 110. ** Shorted dummies (DS) available upon request	

### CONTACT CONFIGURATION (BC FACE VIEWS)

