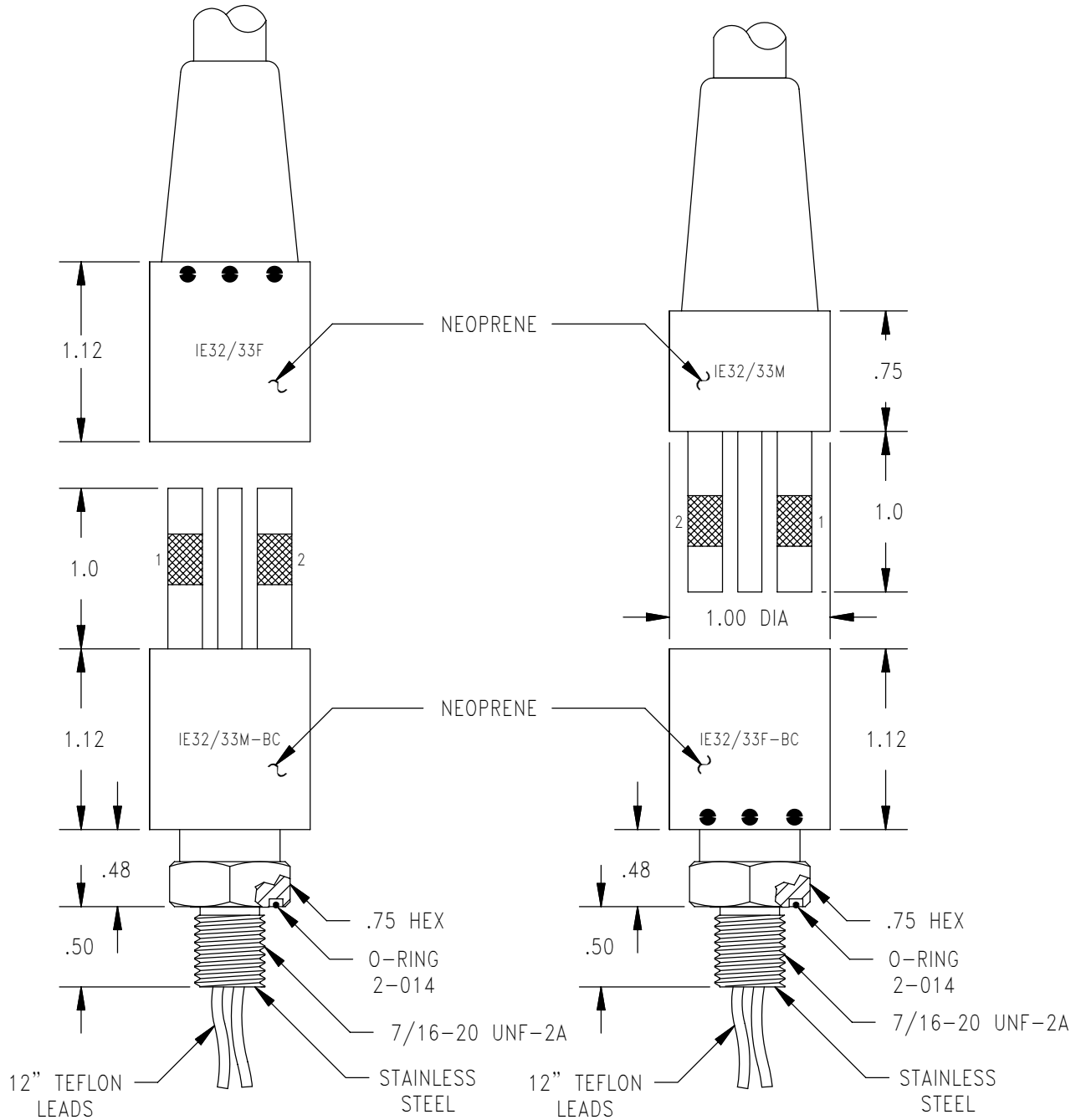
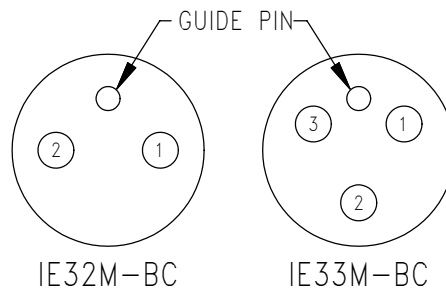


- DESCRIPTION AND MATERIAL
- Molded neoprene with improved sealing ability.
  - One to four contacts.
  - Up to 600 VDC, 15 AMPS.
  - Rated to 10,000 psi, contact factory for higher rating.
  - Bulkhead connector design open face pressure rated to 5000 PSI.
  - O-rings molded in female connector.
- CABLE
- 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.



CONTACT  
CONFIGURATION  
(BC FACE VIEWS)



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*
* Shorted dummies (DS) available upon request.	