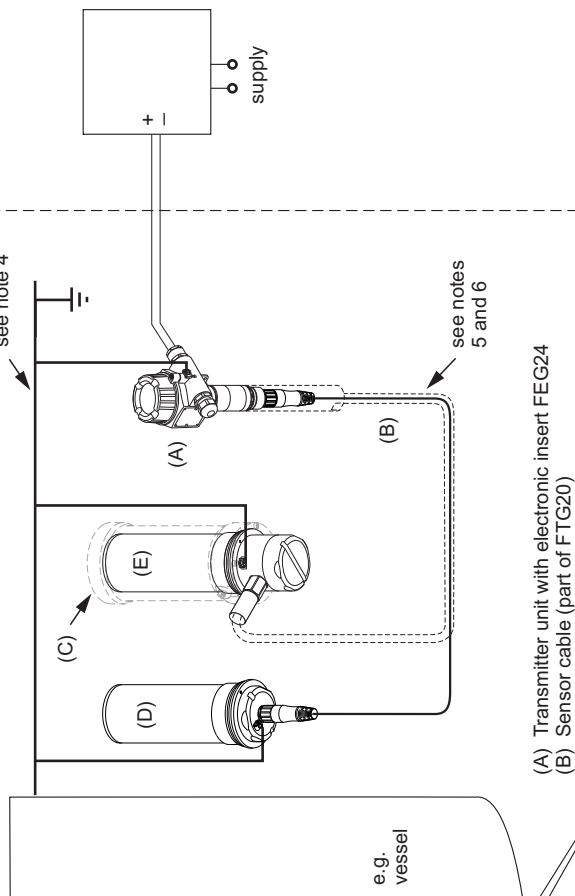


Hazardous location

Class I, Div. 1, Groups A, B, C, D
 Class I, Zone 1, IIC
 Class II, Div. 1, Groups E, F, G
 Class III



- (A) Transmitter unit with electronic insert FEG24
- (B) Sensor cable (part of FTG20)
- (C) Optional water cooling tube alternatively
- (D) Sensor unit with plug connector
- (E) Sensor unit with terminal compartment (conduit entry)

Non hazardous location

Suitable for Cl. I, Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; Class III; Class I, Zone 1, IIC

Hazardous location installation

1. Install per Canadian Electrical Code, Part I or National Electrical Code (ANSI/NFPA70) as applicable.
 - Supply voltage 19...250 V AC, 50/60 Hz or 19...55 V DC
 - Relay contact maximum rating: 250 V AC, 50/60 Hz, 1000 VA (cos φ = 1), 750 VA (cos φ = 0.7) or 30 V DC, 4 A or 125 V DC, 0.2 A
 - Max. ambient temperatures: see table
 - Control room equipment must not use or generate over 250 V.
2. Explosion proof conduit seals must be installed at the enclosure wall of the transmitter housing. Use a dust tight seal at the conduit entry in Class II and III locations. Wiring method and sealing must be suitable for Class I, II, III, Division 1 or Class I, Zone 1 hazardous (classified) locations per the applicable electrical code.
3. **Warning:** Do not open cover when an explosive atmosphere is present!
Avertissement : Ne pas ouvrir le couvercle en présence d'une atmosphère explosive !
4. Transmitter housing and sensor housing must have the same ground potential (e.g. transmitter housing and sensor housing all mounted to the same metal structure). If potential equalisation can not be achieved by the installation, the devices must be interconnected with a suitable bonding conductor using the external ground connections.
5. Transmitter provides intrinsically safe (type of protection 'ia') circuit for connection to the sensor unit. Sensor cable is part of the device.
Warning: Substitution of components may impair intrinsic safety.
Avertissement : La substitution de composants peut compromettre la sécurité intrinsèque.
6. Avoid electrostatic charge at the sensor cable. Do not rub dry. Do not install in the vicinity of processes generating strong electrostatic charge.

Table: Permissible ambient temperatures and temperature codes

Permissible ambient temperature	
Temperature code	Transmitter
	Sensor without water cooling tube or with water cooling out of operation
T6	-40...+70°C

Permissible ambient temperature	
Temperature code	Transmitter
	Sensor with water cooling tube in operation
T4	-40...+70°C

