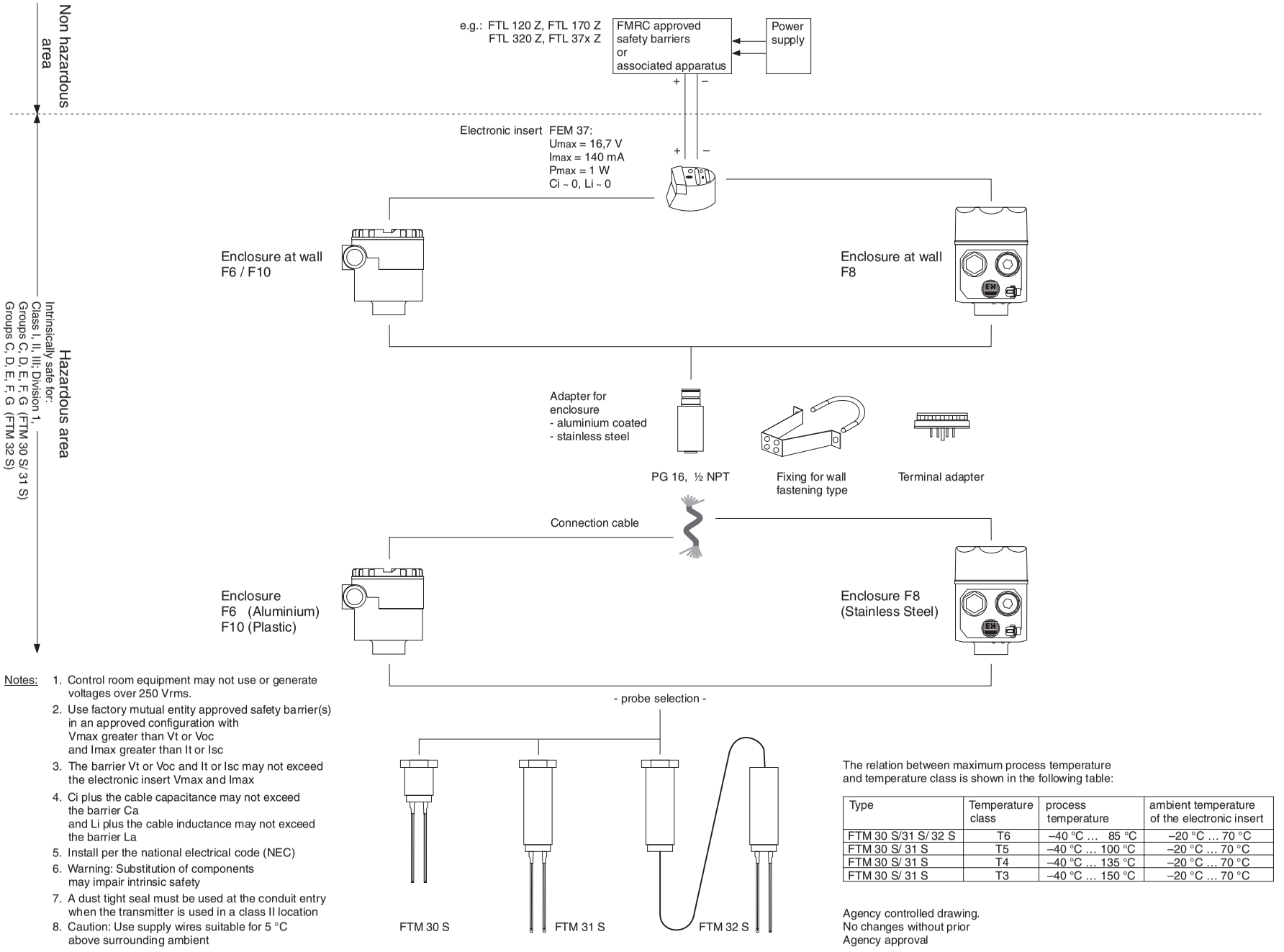
ZD 018F/00/en/08.98/EHF
FM / A 25.07.97

960379-0002

Control drawing (IS)
960379-0002 A

HTM 10 A
FTM 30 S, 31 S, 32 S

Endress+Hauser



Notes:

1. Control room equipment may not use or generate voltages over 250 Vrms.
2. Use factory mutual entity approved safety barrier(s) in an approved configuration with Vmax greater than Vt or Voc and Imax greater than It or Isc
3. The barrier Vt or Voc and It or Isc may not exceed the electronic insert Vmax and Imax
4. Ci plus the cable capacitance may not exceed the barrier Ca and Li plus the cable inductance may not exceed the barrier La
5. Install per the national electrical code (NEC)
6. Warning: Substitution of components may impair intrinsic safety
7. A dust tight seal must be used at the conduit entry when the transmitter is used in a class II location
8. Caution: Use supply wires suitable for 5 °C above surrounding ambient

The relation between maximum process temperature and temperature class is shown in the following table:

Type	Temperature class	process temperature	ambient temperature of the electronic insert
FTM 30 S/31 S/ 32 S	T6	–40 °C … 85 °C	–20 °C … 70 °C
FTM 30 S/ 31 S	T5	–40 °C … 100 °C	–20 °C … 70 °C
FTM 30 S/ 31 S	T4	–40 °C … 135 °C	–20 °C … 70 °C
FTM 30 S/ 31 S	T3	–40 °C … 150 °C	–20 °C … 70 °C

Agency controlled drawing.
No changes without prior
Agency approval