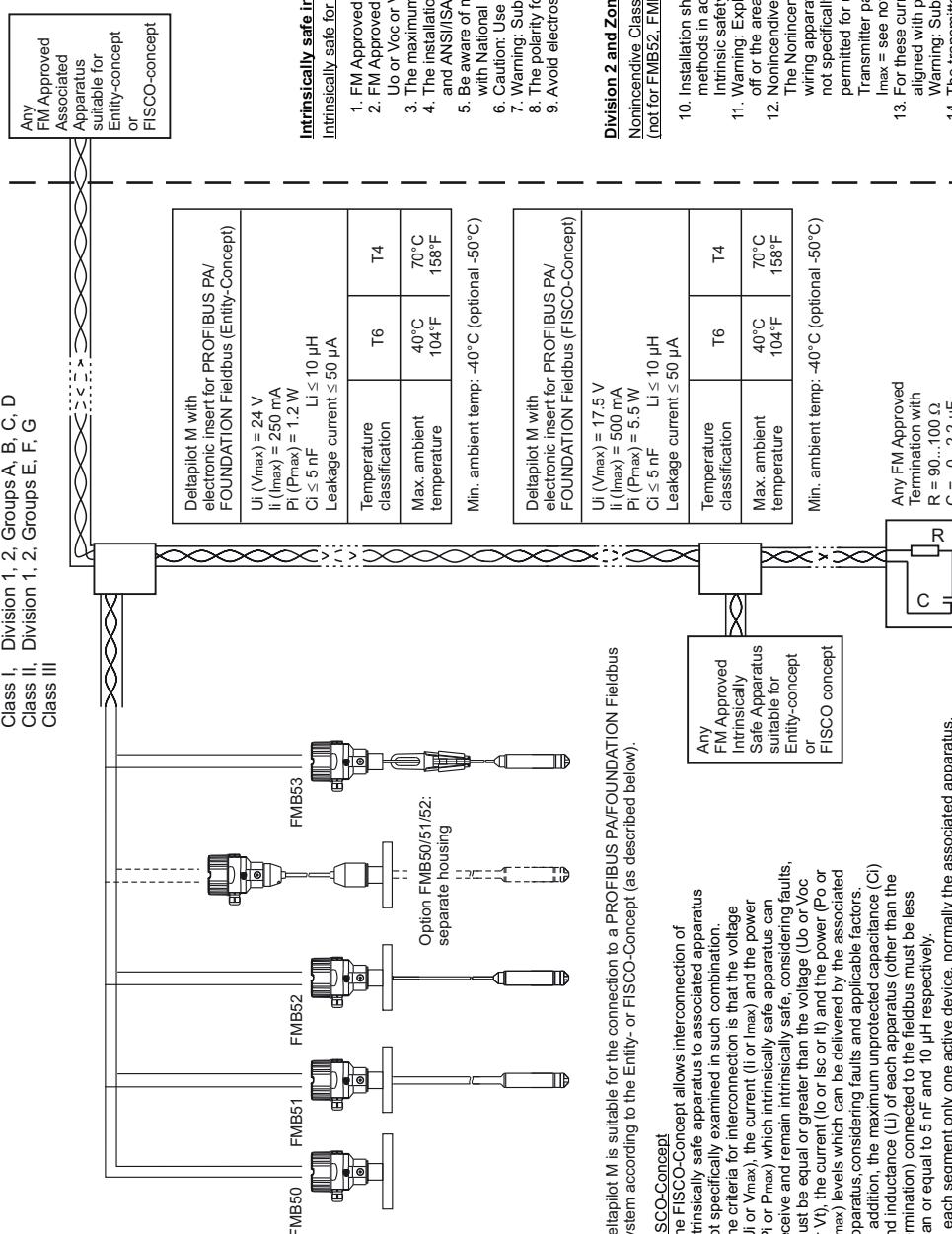


HAZARDOUS (CLASSIFIED) LOCATION | NONHAZARDOUS LOCATION

Class I, Zone 0, IIC
Class I, Division 1, 2, Groups A, B, C, D
Class II, Division 1, 2, Groups E, F, G
Class III



XAA00566P-A/00/EN/02.17
CCS/FM10
FM/A 14.10.16



71356437

FM Control Drawing 960014203-A

DeltaPilot M FMB50/51/52/53
PA, FF

Endress+Hauser

People for Process Automation



Intrinsically safe installations Intrinsically safe for Cl. I.II.III Div.1, Gp. ABCDEFG, AEx ia IIC T6	1. FM Approved apparatus must be installed in accordance with manufacturer instructions. 2. FM Approved associated apparatus must meet the following requirements: Uo or Voc or Vt ≤ Ui (V _{max}) and I _o or I _{sc} or I _t ≤ I _i (I _{max}) and P _o or P _{max} ≤ P _i (P _{max}). 3. The maximum non-hazardous area voltage must not exceed 250 V. 4. The installation must be in accordance with the National Electrical Code NFPA 70 (NEC) and ANSI/ISA - RP 12.06.01 (except chapter 5). 5. Be aware of multiple earthings of screen. The screen must be connected in accordance with National Electrical Code. 6. Caution: Use only supply wires suitable for 5°C above surrounding temperature. 7. Warning: Substitution of components may impair intrinsic safety. 8. The polarity for connecting PA+(1) and PA-(2) is of no importance due to an internal rectifier. 9. Avoid electrostatic charging of plastic surfaces, plastic process connections or coatings.
Division 2 and Zone 2 installation Nonincendive Class I, Div.2, Group A,B,C,D Hazardous Location Installation (not for FMB52, FMB53 and not for versions with separate housing)	10. Installation shall be in accordance with NEC using threaded conduits or other wiring methods in accordance with articles 500 to 510. Intrinsic safety barrier not required. Max. supply voltage 32 V. For T-code see table. 11. Warning: Explosion Hazard - Do not disconnect equipment unless power has been switched off or the area is known to be non hazardous. 12. Nonincendive field wiring installation wiring apparatus with associated nonincendive field wiring apparatus or associated apparatus not specifically examined in combination, when $V_{max} \leq V_{oc}$ or V_t , $C_a \leq C_i + C_{able}$, $I_a \leq I_i + I_{able}$. Transmitter parameters are as follows: $V_{max} = 32$ VDC; $C_i \leq 5$ nF; $I_i \leq 10$ μA; 13. See note 13. 14. The transmitter is suitable to be installed according the FISCO (former FNICO) concept. 15. Installation of transmitter wiring according to NEC using threaded conduits or other wiring methods in accordance with articles 500 to 510.
Class II, III installation DIP for Class II and III, Div.1, Group E, F, G Hazardous Location Installation (not for FMB52, FMB53 and not for versions with separate housing)	16. Installation of transmitter wiring according to NEC using threaded conduits or other wiring methods in accordance with articles 500 to 510.