Additional information: **www.pepperl-fuchs.com**

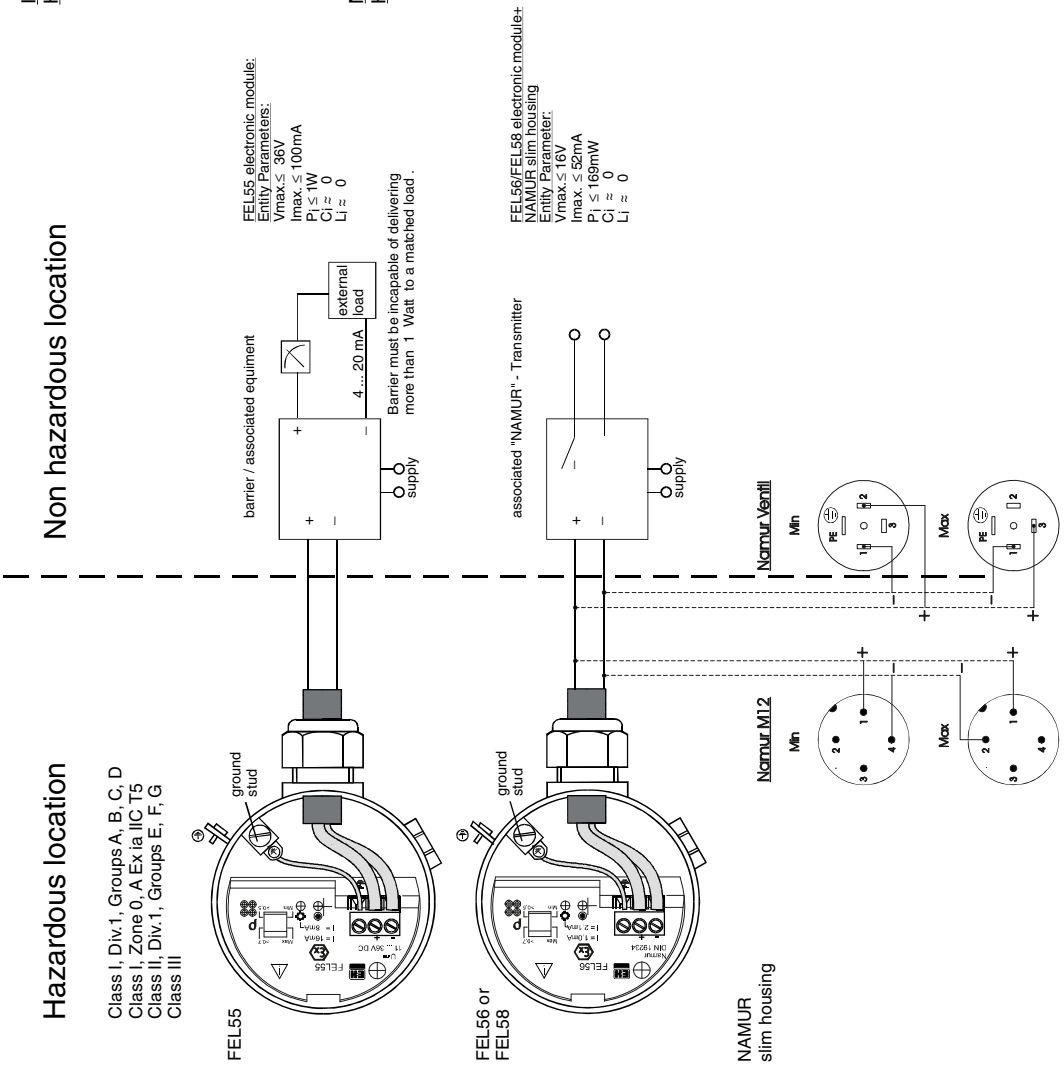
PEPPERL+FUCHS

Intrinsically safe (entity), Class I, Div.1, Group A,B,C,D
Hazardous Location Installations

1. Control room equipment may not use or generate over 250 V
2. Use FM Approvals Entity-approved intrinsic safety barrier with Voc or Vt $\leq$ Vmax, Isc or It $\leq$ Imax, Ca $\geq$ Ci + C_{cable}, La $\geq$ Li + L_{cable}
3. Installation should be in accordance with ANSI/ ISA RP 12.06.01 „ Installation of intrinsically safe systems for hazardous (classified) locations“ and the National Electrical Code (ANSI/ NFPA 70).
4. Warning: Substitution of Components may impair intrinsic safety
5. Intrinsic safety barrier manufacturer´s installation drawing must be followed, when installing this equipment: The configuration of the intrinsic safety barrier(s) must be FM approved.
6. Use supply wires suitable for 5°C above surrounding ambient.

Nonincendive Class I, Div.2, group A,B,C,D and suitable for Class II and III, Div.2 Group F,G Hazardous Location Installation

1. Install per National Electrical Code (NEC) using threaded metal conduit.
   Intrinsic safety barrier not required
   max. supply voltage 45 VDC
2. A dust tight seal must be used at the conduit entry when the transmitter is used in a class II & III location
3. Warning: Explosion Hazard- Do not disconnect equipment unless power has been switched off or the area is known to be non hazardous.
   Warning: Substitution of Components may impair suitability for Class I, Div.2



16-425FM-12a	**Vibracon LVL-M*(H)** FM control drawing	52026419