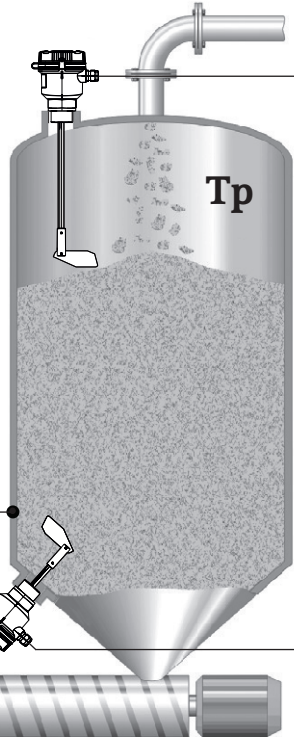


Hazardous location
Class II, Div. 1, Groups E, F, G
Class III

DO NOT OPEN IN A POTENTIALLY
EXPLOSIVE ATMOSPHERE

Ta



Non-hazardous location

see table
Electrical connection data

Local potential equalisation

Installation Notes FTE20

- FM Approved Apparatus must be installed in accordance with manufacturer's instructions.
- Use supply wires suitable for 10°C above surroundings.



DUST IGNITION PROOF

DIP Class II, III / Div. 1 / Groups EFG / T4

- Installation shall be in accordance with NEC using wiring methods in accordance with Article 500 through Article 510 or with the Canadian Electrical Code (CEC).
- During operation, the cover must be screwed all the way in and the cover's safety catch must be fastened.
- Use a dust tight seal at the conduit entry
- Avoid electrostatic charging of the plastic housing (do not rub dry).
- Avoid electrostatic charging of the plastic surfaces, for plastic process connections.

Warning: Explosion Hazard - do not disconnect equipment unless power has been switched off or the area is known to be Non-Hazardous.

Avertissement : Risque d'explosion. Ne pas débrancher tant que le circuit est sous tension, à moins qu'il ne s'agisse d'un emplacement non dangereux.

Electrical connection data:

Level limit switch	Supply voltage U _b
FTE20-xxxxx1, OFTE20-xxxxx1	20..28 V DC
FTE20-xxxxx2, OFTE20-xxxxx2	24 V AC
FTE20-xxxxx3, OFTE20-xxxxx3	115 V AC
FTE20-xxxxx4, OFTE20-xxxxx4	230 V AC

Switching output ratings

Max.
125...250 V AC, 5 A
24 V DC, 3 A
Min. switch load 300 mW (5 V/5 mA)

Type	Ambient Temperature Ta
FTE20, OFTE20	-20 ≤ Ta ≤ +60°C

Type	Process Temperature Tp
FTE20, OFTE20	-20 ≤ Tp ≤ +60°C

Approved	Pfanzelt	Date (yyyy-mm-dd)	2014-06-02	Drawing No.	10000005570	Dwg.rev.	B	Revision no.	W23O14	Revision date (yyyy-mm-dd)	2023-10-18	Name	MP	Material	71637188 XA01331F/09/EN/03.23-00	Endress+Hauser
Volume (mm³)	Designed	Pfanzelt	Date (yyyy-mm-dd)	2012-12-18	Unit	FTE20, OFTE20	Scale	1:1	Title		CONTROL DRAWING FM		Series			
Refer to protection notice ISO 16016	Edge of working parts ISO 13715	Geometrical tolerancing ISO 2768-mH-E	Part No.	-	Format	A4	Objekt version	Sheet	1 of 1		Endress + Hauser Wetzer GmbH+Co. KG Nesselwang / Germany					