

Micropilot M FMR250

Measurement: Level, Radar contactless.
Application: solids.
2-wire connection.
Incl. Setup-/diagnostic software.
:: High availability:
independent of dust/filling noise.
:: Application safety:
independent of temperature/pressure.

FMR250-
52023653
SPK: FLC



Micropilot M FMR250

Approval:

- A Non-hazardous area
- 1 ATEX II 1/2G EEx ia IIC T6
- 4 ATEX II 1/2G EEx d (ia) IIC T6
- G ATEX II 3G EEx nA II T6
- B ATEX II 1/2GD EEx ia IIC T6, Alu blind cover
- C ATEX II 1/2G EEx ia IIC T6, ATEX II 1/3D
- D ATEX II 1/2D, Alu blind cover
- E ATEX II 1/3D
- S FM IS Cl.I,II,III Div.1 Gr.A-G, Zone 0,1,2
- T FM XP Cl.I,II,III Div.1 Gr.A-G, Zone 1,2
- N CSA General Purpose
- U CSA IS Cl.I,II,III Div.1 Gr.A-G, zone 0,1,2
- V CSA XP Cl.I,II,III Div.1 Gr.A-G, zone 1,2
- L TIIS EEx d (ia) IIC T3
- I NEPSI Ex ia IIC T6
- J NEPSI Ex d(ia)ia IIC T6
- Q NEPSI DIP
- Y Special version, TSP-no. to be spec.

Antenna:

- D Horn 80mm/3", increased near distance dynamics
- E Horn 100mm/4", increased near distance dynamics
- G Parabolic 200mm/8", increased near distance dynamics
- H Parabolic 250mm/10", increased near distance dynamics
- 9 Special version, TSP-no. to be spec.

Antenna Seal; Temperature:

- E FKM Viton GLT; -40...200oC/-40...392oF
- Y Special version, TSP-no. to be spec.

Antenna Extension:

- 1 Not selected
- 2 250mm
- 3 450mm
- 9 Special version, TSP-no. to be spec.

Process Connection:

- GGJ Thread EN10226 R1-1/2, 316L
- GNJ Thread ANSI NPT1-1/2, 316L
- X3J UNI flange DN200/8"/200, 316L max PN1/14.5lbs/1K, suitable for DN200 PN10/16, 8" 150lbs, 10K 200
- X5J UNI flange DN250/10"/250, 316L max PN1/14.5lbs/1K, suitable for DN250 PN10/16,10" 150lbs, 10K 250
- XCJ Align. device., UNI 4"/DN100/100, 316L max 14.5lbs/PN1/1K, suitable for 4" 150lbs / DN100 PN16 / 10K 100
- XEJ Align. device., UNI 8"/DN200/200, 316L max 14.5lbs/PN1/1K, suitable for 8" 150lbs / DN200 PN16 / 10K 200
- XFJ Align. device., UNI10"/DN250/250, 316L max 14.5lbs/PN1/1K, suitable for 10" 150lbs / DN250 PN16 / 10K 250
- CMJ DN80 PN10/16 B1, 316L Flange EN1092-1 (DIN2527 C)
- CQJ DN100 PN10/16 B1, 316L Flange EN1092-1 (DIN2527 C)
- ALJ 3" 150lbs RF, 316/316L Flange ANSI B16.5
- APJ 4" 150lbs RF, 316/316L Flange ANSI B16.5
- KLJ 10K 80A RF, 316L flange JIS B2220
- KPJ 10K 100A RF, 316L flange JIS B2220
- YY9 Special version, TSP-no. to be spec.

Output; Operating:

- A 4-20mA SIL HART; 4-line display VU331, envelope curve display on site
- B 4-20mA SIL HART; w/o display, via communication
- K 4-20mA SIL HART; prepared for FHX40, Remote display (accessory)
- C PROFIBUS PA; 4-line display VU331, envelope curve display on site
- D PROFIBUS PA; w/o display, via communication
- L PROFIBUS PA; prepared for FHX40, Remote display (accessory)
- E FOUNDATION Fieldbus; 4-line display, envelope curve display on site
- F FOUNDATION Fieldbus; w/o display, via communication
- M FOUNDATION Fieldbus; prepared for FHX40, Remote display (accessory)
- Y Special version, TSP-no. to be spec.

Housing:

- A F12 Alu, coated IP65 NEMA4X
- B F23 316L IP65 NEMA4X
- C T12 Alu, coated IP65 NEMA4X, separate conn. compartment
- D T12 Alu, coated IP65 NEMA4X + OVP, separate conn. compartment, OVP = overvoltage protection
- Y Special version, TSP-no. to be spec.

Cable Entry:

- 2 Gland M20 (EEx d > thread M20)
- 3 Thread G1/2
- 4 Thread NPT1/2
- 9 Special version, TSP-no. to be spec.

Additional Option:

- K Air purge connection G1/4
- M Air purge connection NPT1/4
- P 5-point, Air purge connection G1/4 5-point linearity protocol, see additional spec.
- Q 5-point, Air purge connection NPT1/4 5-point linearity protocol, see additional spec.
- Y Special version, TSP-no. to be spec.

>>>Marking: (optional)

- 1 Tagging (TAG), see additional spec.
- 2 Bus address, see additional spec.

Micropilot M FMR240

Measurement: Level, Radar, contactless.
Horn antenna.
Application: liquids/
solids (antenna 100mm).
2-wire connection.
Open air test site authorization.
Incl. Setup/diagnostic software.
:: Application safety:
independent of pressure/temp./steam.
independent of gas layers.

FMR240-
52005348
SPK: FLC



Micropilot M FMR240

Approval:

- A Non-hazardous area
- F Non-hazardous area, WHG
- 1 ATEX II 1/2G EEx ia IIC T6
- 6 ATEX II 1/2G EEx ia IIC T6, WHG
- 3 ATEX II 1/2G EEx em (ia) IIC T6
- 8 ATEX II 1/2G EEx em (ia) IIC T6, WHG
- 4 ATEX II 1/2G EEx d (ia) IIC T6
- B ATEX II 1/2G, II 1/2D, Alu blind cover, ATEX II 1/2G EEx ia IIC T6, ATEX II 1/2D
- G ATEX II 3G EEx nA II T6
- H ATEX II 1/2G EEx ia IIC T6, ATEX II 3D
- D IECEx zone 0/1, Ex ia IIC T6
- E IECEx zone 0/1, Ex d (ia) IIC T6
- S FM IS Cl.I Div.1 Gr.A-D, zone 0,1,2
- T FM XP Cl.I Div.1 Gr.A-D, zone 1,2
- N CSA General Purpose