

Silopilot T FMM20

Level transmitter, continuous.
Application: light weight bulk solids.
Measuring: Electromech. level system.
Menu guidance, plain text display.
:: Perfect in high/narrow silos.

FMM20-
71024455
SPK: FNB



Silopilot T FMM20

Approval:

- A Non-hazardous area
- B ATEX II 1/2D IP67 T99oC
- Y Special version, TSP-no. to be spec.

Housing:

- 1 Aluminium
- 2 Aluminium, coated
- 9 Special version, TSP-no. to be spec.

Measuring Range; Version:

- 4 15m; tape stainl. steel
- 5 32m; tape stainl. steel
- 9 Special version, TSP-no. to be spec.

Max Nozzle Height; Tape Wiper:

- A 230mm; Alu/steel
- B 230mm; stainl.steel
- C 500mm; Alu/steel
- D 500mm; stainl.steel
- E 1000mm; Alu/steel
- F 1000mm; stainl.steel
- Y Special version, TSP-no. to be spec.

Power Supply:

- 1 90-253VAC, 50/60Hz
- 3 20-28VDC
- 9 Special version, TSP-no. to be spec.

Output:

- A 0/4-20mA + 2x relay, function selectable
- C 0/4-20mA + 4x relay, function selectable
- Y Special version, TSP-no. to be spec.

Ambient Temperature:

- D Range -20...+60oC
- E Range -40...+60oC + heater (ATEX II 1/2D > min -35oC)
- F Range -20...+60oC + enhanced resist.
- Y Special version, TSP-no. to be spec.

Process Temperature:

- 1 Range -20...+70oC
- 2 Range -20...+150oC
- 9 Special version, TSP-no. to be spec.

Sensing Weight:

- A w/o
- B Steel
- C Stainl.steel
- D Steel + umbrella
- E Stainl.steel + umbrella
- G Medium bag
- N Plastics
- Y Special version, TSP-no. to be spec.

Additional Option:

- 1 Basic version
- 2 Window + start-button, extern
- 9 Special version, TSP-no. to be spec.

Silopilot M FMM50

Level transmitter, continuous.
 Application: bulk solids.
 Measuring: Electromech. level system.
 Menu guidance, plain text display.
 Converter controlled three-phase motor.
 :: Uncomplicated single-phase connect.
 :: Robust belt guide.
 :: Perfect in high/narrow silos.

FMM50-
52027829

SPK: FNB



Silopilot M FMM50

Approval:

- A Non-hazardous area
- B ATEX II 1/2D IP67 T99oC
- Y Special version, TSP-no. to be spec.

Housing:

- 1 Aluminium
- 2 Aluminium, coated
- 9 Special version, TSP-no. to be spec.

Motor Traction Power:

- A max 250N, bulk density low
- B max 500N, bulk density high
- Y Special version, TSP-no. to be spec.

Measuring Range:

- 1 25m
- 2 35m
- 3 50m
- 4 70m
- 9 Special version, TSP-no. to be spec.

Max Nozzle Height; Tape Wiper:

- A 230mm; Alu/steel
- B 230mm; stainl.steel
- C 500mm; Alu/steel
- D 500mm; stainl.steel
- E 1000mm; Alu/steel
- F 1000mm; stainl.steel
- Y Special version, TSP-no. to be spec.

Power Supply:

- 1 180-253VAC, 50/60Hz
- 2 90-127VAC, 50/60Hz
- 9 Special version, TSP-no. to be spec.

Output:

- A 0/4-20mA + 2x relay, function selectable
- B 0/4-20mA + 6x relay, function selectable
- Y Special version, TSP-no. to be spec.

Ambient Temperature:

- A Range -20...+70oC
- B Range -40...+70oC + heater (ATEX II 1/2D > min -35oC)
- C Range -20...+70oC + enhanced resist.
- Y Special version, TSP-no. to be spec.

Process Temperature:

- 1 Range -20...+70oC
- 2 Range -20...+150oC
- 3 Range -20...+230oC
- 9 Special version, TSP-no. to be spec.

Process Pressure:

- 1 0,8...1,1bar absolute
- 2 0,8...3bar absolute
- 9 Special version, TSP-no. to be spec.

Sensing Weight:

- A w/o
- B Steel
- C Stainl.steel
- D Steel + umbrella
- E Stainl.steel + umbrella
- G Medium bag
- H Steel cage
- J Stainl.steel cage
- K Steel bell
- L Stainl.steel bell
- M Oval float (PVC)
- Y Special version, TSP-no. to be spec.

Additional Option:

- 1 Basic version
- 2 Window + start-button, extern
- 9 Special version, TSP-no. to be spec.

Soliswitch FTE31, thread NPT

Level limit switch, Paddel.
Solid ≥ 100 g/dm³.
Grain size ≤ 50 mm.
1x relay double pole change over switch.
Housing: Plastics PBT, IP65 NEMA4
Rod: steel 1.4305 (303).
1x Cable entry NPT 1/2.

FTE31-
51002214
SPK: FNC



Soliswitch FTE31, thread NPT

Approval:

- A Non-hazardous area
- B FM DIP Cl.II,III, Div.1 Gr.EFG
- C CSA DIP Cl. II,III, Div.1, Gr.EFG

Power Supply:

- 3 20..28VDC, relay 250VAC, 100mA -10A
- 6 20..28VDC, relay PLC 48VDC, 10mA -100mA
- 2 115VAC, relay 250VAC, 100mA -10A
- 5 115VAC, relay PLC 48VDC, 10mA -100mA
- 1 230VAC, relay 250VAC, 100mA -10A
- 4 230VAC, relay PLC 48VDC, 10mA -100mA

Process Connection:

- A Thread NPT 1-1/4, Valox553(PBT)
- B Thread NPT 1-1/4, 316L
- C Thread NPT 1-1/2, Valox553(PBT)
- D Thread NPT 1-1/2, 316L

Version:

- Y Special version, TSP-no. to be spec.
- 1 Shaft 75mm; compact
- 2 Rope 2m, 316, shortable
- A Shaft 100mm
- B Shaft 200mm
- C Shaft 300mm
- D Shaft 400mm, vertical intall.
- E Shaft 500mm, vertical intall.
- F Shaft 600mm, vertical intall.

Paddel; Additional Option:

- 1 316Ti; basic version
- 2 316L, fold-away, w/o signal lamp

Version:

- 1 Basic version

>>>Marking: (optional)

- A Tagging (TAG), metal
- B Tagging (TAG), on device
- C Commissioning label, paper
- F Tagging (TAG), by customer

Soliswitch FTE30

Level limit switch, paddel.
Solid \geq 100 g/dm³.
Grain size \leq 50mm.
1x relay double pole change over switch.
Housing: Plastics PBT, IP65.
Rod: steel 1.4305 (303).
Approval: dust-Ex zone 20/22, ATEX 1/3D.
2x Cable entry NPT 1/2.

FTE30-
50080124

SPK: FNC



Soliswitch FTE30

Power Supply; Output:

- E 20-28VDC, relay 250VAC, 100mA -10A
- J 20-28VDC, relay PLC 48VDC, 10mA -100mA
- L 20-28VDC,paddle revolut.6U/min;100mA-10A relay 250VAC
- N 20-28VDC,paddle revolut.6U/min;10-100mA relay PLC 48VDC
- D 24VAC, relay 250VAC, 100mA -10A
- I 24VAC, relay PLC 48VDC, 10mA -100mA
- C 48VAC, relay 250VAC, 100mA -10A
- H 48VAC, relay PLC 48VDC, 10mA -100mA
- B 115VAC, relay 250VAC, 100mA -10A
- G 115VAC, relay PLC 48VDC, 10mA -100mA
- A 230VAC, relay 250VAC, 100mA -10A
- F 230VAC, relay PLC 48VDC, 10mA -100mA
- K 230VAC, paddle revolut. 6U/min;100mA-10A relay 250VAC
- M 230VAC, paddle revolut. 6U/min;10-100mA relay PLC 48VDC
- Y Special version, TSP-no. to be spec.

Process Connection:

- A Thread G 1-1/2, PBT
- B Thread G 1-1/2, 303
- C Thread G 1-1/2, 303, armoured
- Y Special version, TSP-no. to be spec.

Version:

- 1 Shaft 75mm; compact
- G Shaft 120mm
- 2 Rope 2m, 316, shortable
- 3 Shaft 300mm; armoured
- 4 Shaft 500mm, armoured
- 5 Shaft 800mm, armoured
- A Shaft 100mm
- B Shaft 200mm
- C Shaft 300mm
- D Shaft 400mm, vertical intall.
- E Shaft 500mm, vertical intall.
- F Shaft 600mm, vertical intall.
- 9 Special version, TSP-no. to be spec.

Paddel; Additional Option:

- 1 303; w/o signal lamp
- 2 303; signal lamp
- 3 316L; fold-away
- 4 316L; fold-away; signal lamp
- 9 Special version, TSP-no. to be spec.

>>>Marking: (optional)

- A Tagging (TAG), metal
- B Tagging (TAG), on device

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- C Commissioning label, paper
 - F Tagging (TAG), by customer
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Hinged paddle cpl. FTE30 1.4435

50089768

SPK: FNS

Hinged paddle cpl. FTE30 1.4435

Protection cover cpl. FTE30

51005551

SPK: FNS

Protection cover cpl. FTE30

Protection cover FMM20, 304

71028956

SPK: FNS

Protection cover FMM20, 304

Protection cover FMM50, 304

52027964

SPK: FNS

Protection cover FMM50, 304

Protection cover FMM20, Aluminium**71075962**

SPK: FNS

Protection cover FMM20, Aluminium

Tensioning weight FTS20, PA coated**52010127**

SPK: FNU

Tensioning weight FTS20, PA coated

Liquifloat T FTS20 NAMUR PP/PVC, 5m

Point level switch, float.

Application: liquids.

2-wire EN60947-5-6 (NAMUR).

For use with isolated amplifier.

ATEX II 2G EEx ia IIB T5.

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable PVC: water/wastewater.

Cable length: 5m.

52010119

SPK: FNU

Liquifloat T FTS20 NAMUR PP/PVC, 5m



Liquifloat T FTS20 NAMUR PP/PUR, 5m

Point level switch, float.

Application: liquids.

2-wire EN60947-5-6 (NAMUR).

For use with isolated amplifier.

ATEX II 2G EEx ia IIB T5.

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable PUR: fuels + oils.

Cable length: 5m.

52010120

SPK: FNU

Liquifloat T FTS20 NAMUR PP/PUR, 5m



Liquifloat T FTS20 NAMUR PP/CSM, 5m

Point level switch, float.

Application: liquids.

2-wire EN60947-5-6 (NAMUR).

52010121

For use with isolated amplifier.

ATEX II 2G EEx ia IIB T5.

SPK: FNU

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable CSM: acids + lyes.

Cable length: 5m.



Liquifloat T FTS20 NAMUR PP/CSM, 5m

Liquifloat T FTS20 AC/DC PP/PVC, 5m

Point level switch, float.

Application: liquids.

Microswitch double throw 250VAC/150VDC.

52010122

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

SPK: FNU

Cable PVC: water/wastewater.

Cable length: 5m.



Liquifloat T FTS20 AC/DC PP/PVC, 5m

Liquifloat T FTS20 AC/DC PP/PUR, 5m

Point level switch, float.

Application: liquids.

Microswitch double throw 250VAC/150VDC.

52010123

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

SPK: FNU

Cable PUR: fuels + oils.

Cable length: 5m.



Liquifloat T FTS20 AC/DC PP/PUR, 5m

Liquifloat T FTS20 AC/DC PP/CSM, 5m

Point level switch, float.

Application: liquids.

Microswitch double throw 250VAC/150VDC.

52010124

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

SPK: FNU

Cable CSM: acids + lyes.

Cable length: 5m.



Liquifloat T FTS20 AC/DC PP/CSM, 5m

Counter nut G1, PVC

52010126

SPK: FNU

Counter nut G1, PVC

Liquifloat T FTS20 NAMUR PP/PVC, 20m

Point level switch, float.

Application: liquids.

2-wire EN60947-5-6 (NAMUR).

For use with isolated amplifier.

ATEX II 2G EEx ia IIB T5.

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable PVC: water/wastewater.

Cable length: 20m.

71035516

SPK: FNU



Liquifloat T FTS20 NAMUR PP/PVC, 20m

Liquifloat T FTS20 NAMUR PP/PUR, 20m

Point level switch, float.

Application: liquids.

2-wire EN60947-5-6 (NAMUR).

For use with isolated amplifier.

ATEX II 2G EEx ia IIB T5.

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable PUR: fuels + oils.

Cable length: 20m.

71035517

SPK: FNU



Liquifloat T FTS20 NAMUR PP/PUR, 20m

Liquifloat T FTS20 NAMUR PP/CSM, 20m

Point level switch, float.

Application: liquids.

2-wire EN60947-5-6 (NAMUR).

For use with isolated amplifier.

ATEX II 2G EEx ia IIB T5.

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable CSM: acids + lyes.

Cable length: 20m.

71035518

SPK: FNU



Liquifloat T FTS20 NAMUR PP/CSM, 20m

Liquifloat T FTS20 AC/DC PP/PVC, 20m

Point level switch, float.

Application: liquids.

Microswitch double throw 250VAC/150VDC.

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

Cable PVC: water/wastewater.

Cable length: 20m.

71035520

SPK: FNU



Liquifloat T FTS20 AC/DC PP/PVC, 20m

Liquifloat T FTS20 AC/DC PP/PUR, 20m

Point level switch, float.

Application: liquids.

Microswitch double throw 250VAC/150VDC.

71035521

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

SPK: FNU

Cable PUR: fuels + oils.

Cable length: 20m.



Liquifloat T FTS20 AC/DC PP/PUR, 20m

Liquifloat T FTS20 AC/DC PP/CSM, 20m

Point level switch, float.

Application: liquids.

Microswitch double throw 250VAC/150VDC.

71035522

Cylindric shape fits through G1.

Floating body: PP (Polypropylene).

SPK: FNU

Cable CSM: acids + lyes.

Cable length: 20m.



Liquifloat T FTS20 AC/DC PP/CSM, 20m

Compression gland G1, PVC**52010125**

SPK: FNU

Compression gland G1, PVC
