LEVELFLEX FMP55

MODEL NUMBER

Levelflex FMP55 guided radar with SensorFusion offers the worldwide first combination of the capacitance and guided radar measuring principle in one device. The instrument guarantees safe measured value acquisition even in emulsion layers and issues level and interface layer signals simultaneously. This makes the FMP55 Multiparameter the new standard in interface measurement especially in the oil & gas, chemical and petrochemical industry.

### APPROVAL

- **AA**: Non-hazardous area
- **CA**: CSA C/US General Purpose C2 = CSA C/US IS Cl.III Div.1 Gr.A-G, NI Cl.1 Div.2, Ex ia
- **C3**: CSA C/US XP Cl.III Div.1 Gr.A-G, NI Cl.1 Div.2, Ex d
- **FD**: FM IS Cl.III Div.1 Gr.A-G, AEx ia, NI Cl.1 Div.2
- **FB**: FM IS Cl.III Div.1 Gr.A-G, AEx ia, NI Cl.1 Div.2
- **8A**: FM/CSA IS+XP Cl.I,II,III Div.1 Gr.A-G

### DISPLAY, OPERATION

- **A**: Without, via communication
- **C**: SD02 4-line, push buttons + data backup function
- **E**: *SD03 4-line, illum., touch control + data backup function
- **L**: Prepared for display FHX50 + M12 connection
- **M**: Prepared for display FHX50 + custom connection

### ELECTRICAL CONNECTION

- **A**: Gland M20, IP66/68 NEMA4X/6P
- **B**: Thread M20, IP66/68 NEMA4X/6P
- **C**: Thread G1/2, IP66/68 NEMA4X/6P
- **D**: Thread NPT1/2, IP66/68 NEMA4X/6P
- **I**: Plug M12, IP66/68 NEMA4X/6P

### CALIBRATION

- **F4**: 5-point linearity protocol
- **F3**: *3-point linearity protocol

### MARKING

- **Z1**: Stainless steel tag

### PROBE DESIGN

- **MB**: Sensor remote, 3m/9ft cable, detachable+ mounting bracket

### ACCESSORY MOUNTED

- **NC**: Gas-tight feed through
- **NA**: Overvoltage protection
- **OE**: Rod center washer d=37mm/1.45”, PFA, interface measurement, pipe diameter DN40/1-1/2” + DN50/2”

### PROCESS CONNECTION

- **AEK**: 1-1/2” 150lbs, PTFE>316/316L flange ANSI B16.5
- **AK**: 1-1/2” 300lbs, PTFE>316/316L flange ANSI B16.5
- **AFK**: 2” 150lbs, PTFE>316/316L flange ANSI B16.5
- **AGK**: 2” 300lbs, PTFE>316/316L flange ANSI B16.5
- **AKG**: 3” 150lbs, PTFE>316/316L flange ANSI B16.5
- **ASK**: 3” 300lbs, PTFE>316/316L flange ANSI B16.5
- **AHK**: 4” 150lbs, PTFE>316/316L flange ANSI B16.5
- **ATK**: 4” 300lbs, PTFE>316/316L flange ANSI B16.5
- **AJK**: 6” 150lbs, PTFE>316/316L flange ANSI B16.5