

LEVELFLEX FMP51

MODEL NUMBER

Levelflex FMP51 for level measurement even under extreme process conditions like high temperature and high pressure in the process industry. FMP51 offers maximum reliability even in case of moved surface and foam or when numerous tank baffles interfere with the measurement. Levelflex FMP51 is used for continuous level measurement of liquids, pastes and slurries but also for interface measurement. The measurement is not affected by changing media, temperature changes, gas blankets or vapors.



Endress+Hauser  VAR PARTNER

LEVEL-FLEX												
LEVELFLEX FMP51												
SECTION 1: APPROVAL: AA = Non-hazardous area CA = CSA C/US General Purpose C2 = CSA C/US IS Cl.I,II,III Div.1 Gr.A-G, NI Cl.1 Div.2, Ex ia C3 CSA C/US XP Cl.I,II,III Div.1 Gr.A-G, NI Cl.1 Div.2, Ex d FB FM IS Cl.I,II,III Div.1 Gr.A-G, AEx ia, NI Cl.1 Div.2 FD FM XP Cl.I,II,III Div.1 Gr.A-G, AEx d, 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	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	SEAL A4 = Viton, -30...150°C/-22...302°F B3 = EPDM, -40...120°C/-40...248°F C3 = Kalrez, -20...200°C/-4...392°F, saturated steam max 150°C/302°F E1 = *FVMQ, -40...150°C/-40...302°F	PROBE AA = 300 mm, rod 8mm 316L AB = 12 inch, rod 1/8" 316L AC = 300 mm, rod 12mm 316L AD = 12 inch, rod 1/2" 316L AL = 300 mm, rod 12mm AlloyC AM = 12 inch, rod 1/2" AlloyC BA = 591 mm, rod 16mm 316L, 500mm divisible BB = 23 inch, rod 0.63in 316L, 20inch divisible BC = 1091 mm, rod 16mm 316L, 1000mm divisible BD = 43 inch, rod 0.63in 316L, 40inch divisible LA = 1000 mm, rope 4mm, 316, max 150mm nozzle height, center rod MB = 1000 mm, rope 4mm 316, max 300mm nozzle height, center rod LB = 40 inch, rope 1/8" 316, max 6in nozzle height, center rod MD = 40 inch, rope 1/8" 316, max 12in nozzle height, center rod UA = 300 mm, coax 316L UB = 12 inch, coax 316L UC = 300 mm, coax AlloyC UD = 12 inch, coax AlloyC	CALIBRATION F4 = 5-point linearity protocol F3 = *3-point linearity protocol	PROBE DESIGN MB = Sensor remote, 3m/9ft cable, detachable+ mounting bracket MC = *Sensor remote, 6m/18ft cable, detachable + mounting bracket MD = *Sensor remote, 9m/27ft cable, detachable + mounting bracket	MARKING Z1 = stainless steel tag	ACCESSORY MOUNTED NC = Gas-tight feed through NA = Overvoltage protection OA = Rod center washer d=75mm/2.95", 316L pipe diameter DN80/3" + DN100/4" OB = Rod center washer d=45mm/ 1.77", 316L pipe diameter DN50/2" + DN65/2-1/2" OC = Rope center washer d=75mm/2.95", 316L pipe diameter DN80/3" + DN100/4" OD = Rod center washer d=48-95mm/ 1.88-3.74", PEEK, interface measurement, pipe diameter DN50/2" + DN100/4"	POWER SUPPLY; OUTPUT A = 2-wire; 4-20mA HART C = 2-wire; 4-20mA HART, 4-20mA E = 2-wire; FOUNDATION Fieldbus, switch output G = 2-wire; PROFIBUS PA, switch output K = 4-wire 90-253VAC; 4-20mA HART L 4-wire 10,4-48VDC; 4-20mA HART	HOUSING C = GT20 dual compartment, Alu coated B = GT18 dual compartment, 316L A = GT19 dual compartment, Plastics PBT	PROCESS CONNECTION AEJ = 1-1/2" 150lbs RF, 316/316L flange ANSI B16.5 AQJ = 1-1/2" 300lbs RF, 316/316L flange ANSI B16.5 AQM = 1-1/2" 300lbs, AlloyC>316/316L flange ANSI B16.5 AFJ = 2" 150lbs RF, 316/316L flange ANSI B16.5 AFM = 2" 150lbs, AlloyC>316/316L flange ANSI B16.5 ARJ = 2" 300lbs RF, 316/316L flange ANSI B16.5 ARM = 2" 300lbs, AlloyC>316/316L flange ANSI B16.5 AGJ = 3" 150lbs RF, 316/316L flange ANSI B16.5 AGM = 3" 150lbs, AlloyC>316/316L flange ANSI B16.5 ASJ = 3" 300lbs RF, 316/316L flange ANSI B16.5 ASM = 3" 300lbs, AlloyC>316/316L flange ANSI B16.5 AHJ = 4" 150lbs RF, 316/316L flange ANSI B16.5 ATJ = 4" 300lbs RF, 316/316L flange ANSI B16.5 AJJ 6" 150lbs RF, 316/316L flange ANSI B16.5 AKJ 8" 150lbs RF, 316/316L flange ANSI B16.5	