

Overview - Fuji Electric FCX-All Pressure Transmitters



	Differential pressure kPa (mbar)	Gauge pressure kPa (bar)	Absolute pressure kPa (bar)	Level transmitter kPa (mbar)	Remote seal(s) transmitter kPa (mbar)	Gauge pressure kPa (bar)	Absolute pressure kPa (bar)	Remote seal(s) transmitter kPa (mbar)
Max. span	1 (10) 6 (60) 32 (320) 130 (1300) 500 (5000) 3000 (30000) 20000 (200000) Static pressure up to 1379 bar	130 (1,3) 500 (5) 3000 (30) 10000 (100) 50000 (500)	16 (0,16) 130 (1,3) 500 (5) 3000 (30) 10000 (100)	32 (320) 130 (1300) 500 (5000)	According transmitter version	130 (1,3) 500 (5) 3000 (30) 10000 (100)	130 (1,3) 500 (5) 3000 (30)	130 (1,3) 500 (5) 3000 (30) 10000 (100)
Model	FKC	FKG	FKA	FKE	FKB/D/M	FKP	FKH	FKH/P
Datasheet	Download »	Download »	Download »	Download »	Download »	Download »	Download »	Download »
Rangeability	100 : 1 depending of the maximum span					16 : 1 depending of the maximum span		
Accuracy of adjusted span	Up to $\pm 0,04\%$ Standard $\pm 0,065\%$ (others: please refer to the datasheets)					$\pm 0,1\%$	$\pm 0,2\%$	$\pm 0,1\%$ or $\pm 0,2\%$
Temperature limits	-40 to +120°C (process) -40 to +85°C (ambient)					-40 to +100°C (process) -40 to +85°C (ambient)		
Wetted parts material	SS 316L , Hastelloy-C® , Monel® , Tantalum (Please refer to datasheets for more details)					SS 316L		
Output signal & power supply	4-20mA DC + protocols FUJI and HART® / 10,5 à 45V DC (power supply)							
Communication	FUJI / HART® protocols (standard) / Fieldbus Foundation H1 or Profibus PA (option)							
Environmental protection	CEI IP66/IP67 and NEMA 4							
Hazardous area certifications	Intrinsic safety and flame proof areas (ATEX, FM, CSA...) (Please refer to datasheets for more details)							
Available functions	1/ Burnout according NAMUR NE43 recommendation 2/ Linearization function (14 points) to linearize the output signal							
Options	1/ Local analog or digital indicator 2/ Arrestor (lightning protection) 3/ Stainless steel (SS 316) electronics housing 4/ NACE requirements 5/ High process temperature, vacuum service (for level and remote seal transmitters) 6/ Chlorine service				7/ Diaphragm with gold or gold/ceramic for hydrogen applications 8/ Stainless steel bolts and nuts 9/ PTFE process cover gasket 10/ Tag plate 11/ Side vents			