

Selection guide

Multivariable pressure transmitters



Model	IMP10S	FLW10S
Type	Multivariable	Multivariable for Massflow
Communication protocol	HART, Modbus	HART
Accuracy	AP and DP: $\pm 0.05\%$ Span	AP and DP: $\pm 0.05\%$ Span Flow rate $\pm 1.0\%$ of flow rate for typical head class meter applications
Stability — long term drift	$< \pm 0.05\%$ URL/yr for 5 yrs	$< \pm 0.05\%$ URL/yr for 5 yrs
Display for visualisation and configuration	Yes (in option)	Yes (in option)
Temperature range	$-40\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$) to $85\text{ }^{\circ}\text{C}$ ($185\text{ }^{\circ}\text{F}$)	$-40\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$) to $85\text{ }^{\circ}\text{C}$ ($185\text{ }^{\circ}\text{F}$)
Ingress protection rating	IP66/IP68 and NEMA 4X	IP66/IP68 and NEMA 4X
Housing material	Aluminium and 316 Stainless Steel	Aluminium and 316 Stainless Steel
Diaphragm material	316L ss or Hastelloy C	316L ss or Hastelloy C
Fill fluid	Silicone, Fluorinert	Silicone, Fluorinert
Conduit connections	1/2 NPT or M20	1/2 NPT or M20
Transient and reverse polarity protections	Yes	Yes
Upper range limit — maximum	5,300 psi/365 bar	5,300 psi/365 bar
Certifications and approvals	FM, CSA, ATEX, IECEx	FM, CSA, ATEX, IECEx
Warranty	5 years standard	5 years standard
Bypass manifolds	Yes	Yes
Specifications		