pH Sensor Configuration Guide

Sensor	Application Type				Body Material				Cable length			Reference		Temperature			Water Proofing		Signal		pH Resistance Guide										
	Inline Immersion	Submersible	Twistlock	Valve Insert	CPVC	RYTON	RADEL	PEEK	3m	6m	>6m	Matrix	Junction	PT1000	Fast Response	Range	Standard	Submersible	Analogue	Digital	Acid Fluoride	Slurry	Sulphide	High Impact	Ultra High Temp	Organic	Solvent	High HF	Sodium / Metal	Extreme Dehydration
General Purpose																															
TT-pH-I GP-I Industrial	*				*				*			HDPE	Double	*	-	-5 - 70°C	*		*	O											
TT-pH-II GP-II Chem Attack	*			*		*			*			HDPE	Double	*	-	-5 - 70°C	*		*	O	*										
TT-pH-III GP-III Immersion	*	*				*				*		KYNAR	Double	*	-	-5 - 105°C	*	(*)	*	O	*	*	*								
TT-pH-IV GP-IV Twistlock	*	*	*			*				*		KYNAR	Double	*	*	-5 - 105°C	*	(*)	*	O	*	*	*								
TT-pH-V GP-V Valve Retractable	*			*			*			*		KYNAR	Double	*	*	-5 - 105°C	*	(*)	*	O	*	*	*	O	O	*	O	O	O	O
TT-pH-VI GP-VI Submersible	*	*				*				*	O	KYNAR	Double	*	-	-5 - 105°C		*	*	O	*	*	*	O	O	*	O	O	O	O
TT-pH-VII GP VI Extreme Submersible	*	*	*				*			*	O	KYNAR	Double	*	O	-5 - 105°C		*	*	O	*	*	*	*	O	*	O	O	O	O
TT-pH-VIII GP-VIII Hi Temp	*	*						*		*	O	KYNAR	Triple	*	*	-15 - 135°C		(*)	*	O	*	*	*	*	*	*	O	O	O	O
TT-pH-IX GP-IX Extreme Dehydration	*	*					*			*	O	KYNAR	Double	*	*	-15 - 105°C		*		*	*	*	*	*		*		O	O	*
TT-pH-X GP-X Digital Extreme	*	*					*			*	O	KYNAR	Triple	*	*	-15 - 150°C		*		*	*	*	*	*	*	*	*	O	O	O
Application Specific																															
TT-Au-PH Gold		(*)	*			*				*	O	KYNAR	Triple	*	O	-5 to 105°C	(*)	O	*	O	*	*	*			*					
TT-Zn-pH Zinc	*	(*)					*			*	O	KYNAR	Triple	*	O	-5 to 105°C	(*)	O		*	*	*	*	O		*			*	O
TT-Ni-pH Nickel	*	(*)					*			*	O	KYNAR	Triple	*	*	-5 to 135°C	(*)	O	*	O	*	*	*	O	*	*	*		O	
TT-Ti02-pH Titanium Dioxide	*	(*)					*			*	O	KYNAR	Double	*	O	-5 to 105°C	(*)	O	*	O	*	*	*	O		*				
TT-WH2O-pH Waste Water	*	(*)				*				*	O	KYNAR	Double	*	O	-5 to 105°C	(*)	O	*	O	*	*	*	O		*				O
TT-SOL-pH Solvent	*	(*)	*				*			*	O	KYNAR	Triple	*	O	-5 to 105°C	(*)	O	*	O	*	*	*	O		*	*			
TT-Cu-pH Copper	*	(*)					*			*	O	KYNAR	Triple	*	O	-5 to 105°C	(*)	O	*	O	*	*	*	O		*			O	
TT-NH4NO3-pH Ammonium Nitrate	*	(*)					*			*	O	KYNAR	Triple	*	O	-5 to 135°C	(*)	O	*	O	*	*	*	O	*	*				
TT-HF-pH Acid Etching	*	(*)				*				*	O	KYNAR	Double	*	O	-5 to 105°C	(*)	O		*	*	*	*	O		*		*		
TT-Na-pH Brine / Saturated Sodium	*	(*)				*				*	O	KYNAR	Triple	*	O	-5 to 105°C	(*)	O		*	*	*	*	O		*			*	O
TT-Slurry-pH Slurry	*	(*)		*			*			*	O	KYNAR	Double	*	O	-5 to 105°C	(*)	O		*	*	*	*	O		*			*	O
OEM Sensor Replacement																															
TT-JYC-pH Yokogawa	*	(*)	-		-	*	O	O		*	-	KYNAR	Double	*	O	-5 to 105°C	(*)	O	*	-	*	-	*	-			O	-	-	-
TT-FR-pH Fisher Rosemount	*	(*)	-		-	*	O	O		*	O	KYNAR	Double	PT100	O	-5 to 105°C	(*)	O	*	-	*	*	*	O			O	-	-	O
TT-FB-pH Foxboro	*	(*)	-		-	*	O	O		*	O	KYNAR	Double	*	O	-5 to 105°C	(*)	O	*	-	*	*	*	O			O	-	-	O
TT-EH-pH Endress & Hauser	*	(*)	-		-	*	O	O		*	_	KYNAR	Double	*	O	-5 to 105°C	(*)	O	*	_	*	*	*	-			O	-	-	-
TT-AB-pH ABB	*	(*)	-		-	*	O	O		*	_	KYNAR	Double	*	O	-5 to 105°C	(*)	O	*	_	*	*	*	-			O	-	-	-

* Standard feature

O Optional - Customisation fee applies to non-standard configurations

(*) Submersible when threaded onto sealed immersion rod with sufficient sealing tape