

Selection guide

Analytical transmitters



Model	875PH	876PH	875EC	876EC	875CR	876CR
Measurements	pH, ORP, ISE	Analog pH, ORP, ISE, Combination pH/ORP Smart pH, ORP, Combination pH/ORP	Conductivity, Concentration	Conductivity, Concentration	Conductivity and Resistivity	Conductivity and Resistivity
2- or 4-wire	4-wire	2-wire	4-wire	2-wire	4-wire	2-wire
Power	V ac ³ , 24 V DC	12.8 to 42 V DC	V ac ³ , 24 V DC	14.7 to 42 V DC	V ac ³ , 24 V DC	12.8 to 42 V DC
Menu-driven with help text	Yes	Yes	Yes	Yes	Yes	Yes
Inputs	1 Sensor, 1 Temp, pH/ORP	1 Sensor, 1 Temp, Combination pH/ORP ² 1 Smart for pH, ORP, pH/ORP and Temp	1 Sensor, 1 Temp	1 Sensor, 1 Temp	2 Sensor, 2 Temp	1 Sensor, 1 Temp
Alarms	2	0	2	0	2	0
Certifications and approvals	Class 1, Div 2 Non-incendive	Class 1, Div 1 and 2 Intrinsically safe	Class 1, Div 2 Non-incendive	Class 1, Div 1 and 2 Intrinsically safe	Class 1, Div 2 Non-incendive	Class 1, Div 1 and 2 Intrinsically safe
Output	Dual 4-20 mA, HART	4-20 mA, HART	Dual 4-20 mA, HART	4-20 mA, HART	Dual 4-20 mA, HART	4-20 mA, HART
Multi-application		No	Yes	Yes	Yes	Yes
Custom curve			Multiple, auto-switching	Multiple, auto-switching	Multiple, auto-switching	Multiple, auto-switching
Specifications*	PSS 6-1A1 E	PSS 6-1A4 A	PSS 6-3N1 C	PSS 6-3N3 A	PSS 6-3A1 B	PSS 6-3A2 A
Data sheet*	FD-DS-A-016	FD-DS-A-005, FD-DS-A-001 (Smart)	FD-DS-A-012	FD-DS-A-006	FD-DS-A-011	FD-DS-A-004



Our analyzers provide menu selections for most common chemical concentration applications, and our long history in analytical measurements provides a knowledge base that can greatly assist in specifying the correct sensor for the job.



* Please use this term in our search window on www.schneider-electric.com to access more product details.
¹ S Smart version available in pH only.
² S Smart version available in pH only and one Smart pH sensor input.
³ See PSS for AC voltage selections.