

# Rosemount™ 644 PROFIBUS® PA and FOUNDATION™ Fieldbus Configuration Data Sheet

BOLD = Required Value

\*= Default

Select only one of the items provided

Customer Information	
Customer: _____	Name: _____
Phone no.: _____	Fax no./email: _____
P.O./reference no.: _____	P.O. line item: _____
Quote no. _____	Model no.: _____
Customer sign-off: _____	

Tagging
Software tag: _____ (13 characters maximum)
Physical device tag: _____ (13 characters maximum)

Sensor configuration			
Sensor tag: _____			
RTDs	Thermocouples	Other sensor types	Measurement range
<input type="radio"/> Pt 100* ( $\alpha = 0.00385$ ) IEC	<input type="radio"/> Type B NIST	<input type="radio"/> mV	Upper range value (100%)
<input type="radio"/> Pt 200 ( $\alpha = 0.00385$ ) IEC	<input type="radio"/> Type E NIST	<input type="radio"/> Ohm	_____ (100 °C*)
<input type="radio"/> Pt 500 ( $\alpha = 0.00385$ ) IEC	<input type="radio"/> Type J NIST		Lower range value (0%)
<input type="radio"/> Pt 1000 ( $\alpha = 0.00385$ ) IEC	<input type="radio"/> Type K NIST		_____ (0 °C*)
<input type="radio"/> Pt 100 ( $\alpha = 0.003916$ ) JIS	<input type="radio"/> Type N NIST		
<input type="radio"/> Pt 200 ( $\alpha = 0.003916$ ) JIS	<input type="radio"/> Type R NIST		
<input type="radio"/> Ni 120 Edison Curve No. 7	<input type="radio"/> Type S NIST		
<input type="radio"/> Cu 10 Edison Copper Winding No. 15	<input type="radio"/> Type T NIST		
<input type="radio"/> Pt 50 ( $\alpha = 0.00391$ ) GOST 6651-94	<input type="radio"/> Type L DIN		
<input type="radio"/> Pt 100 ( $\alpha = 0.00391$ ) GOST 6651-94	<input type="radio"/> Type U DIN		
<input type="radio"/> Cu 50 ( $\alpha = 0.00426$ ) GOST 6651-94	<input type="radio"/> Type W5Re/W26Re ASTM		
<input type="radio"/> Cu 50 ( $\alpha = 0.00428$ ) GOST 6651-94	<input type="radio"/> Type L GOST		
<input type="radio"/> Cu 100 ( $\alpha = 0.00426$ ) GOST 6651-94			
<input type="radio"/> Cu 100 ( $\alpha = 0.00428$ ) GOST 6651-94			
<input type="radio"/> Transmitter-Sensor Matching (C2 Option)			

Sensor configuration						
Number of leads	<input type="radio"/> 2-wire	<input type="radio"/> 3-wire	<input type="radio"/> 4-wire*			
Units	<input type="radio"/> mV	<input type="radio"/> Ohms	<input type="radio"/> K	<input type="radio"/> °R	<input type="radio"/> °C*	<input type="radio"/> °F

Display options	
<input type="radio"/> Sensor 1*	<input type="radio"/> Terminal temperature

### Global Headquarters

#### Emerson Process Management

6021 Innovation Blvd.  
Shakopee, MN 55379, USA  
+1 800 999 9307 or +1 952 906 8888  
+1 952 949 7001  
RFQ.RMD-RCC@EmersonProcess.com

### North America Regional Office

#### Emerson Process Management

8200 Market Blvd.  
Chanhassen, MN 55317, USA  
+1 800 999 9307 or +1 952 906 8888  
+1 952 949 7001  
RMT-NA.RCCRFQ@Emerson.com

### Latin America Regional Office

#### Emerson Process Management

1300 Concord Terrace, Suite 400  
Sunrise, FL 33323, USA  
+1 954 846 5030  
+1 954 846 5121  
RFQ.RMD-RCC@EmersonProcess.com

### Europe Regional Office

#### Emerson Process Management Europe GmbH

Neuhofstrasse 19a P.O. Box 1046  
CH 6340 Baar  
Switzerland  
+41 (0) 41 768 6111  
+41 (0) 41 768 6300  
RFQ.RMD-RCC@EmersonProcess.com

### Asia Pacific Regional Office


#### Emerson Process Management Asia Pacific Pte Ltd


1 Pandan Crescent  
Singapore 128461  
+65 6777 8211  
+65 6777 0947  
Enquiries@AP.EmersonProcess.com

### Middle East and Africa Regional Office


#### Emerson Process Management


Emerson FZE P.O. Box 17033  
Jebel Ali Free Zone - South 2  
Dubai, United Arab Emirates  
+971 4 8118100  
+971 4 8865465  
RFQ.RMTMEA@Emerson.com

 [Linkedin.com/company/Emerson-Process-Management](https://www.linkedin.com/company/Emerson-Process-Management)

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