

## REOCLICK™ M12

REOTEMP's patented ReoClick™ makes disconnecting and reconnecting your temperature sensor a snap, literally. With the click of a button, your temperature sensor is released from the female tri-clamp allowing it to be quickly placed into a temperature bath for a calibration check and then securely snapped back into place, in a matter of seconds. The ReoClick replaceable element design also allows the sensor to be easily replaced with minimal downtime.



Made in the USA



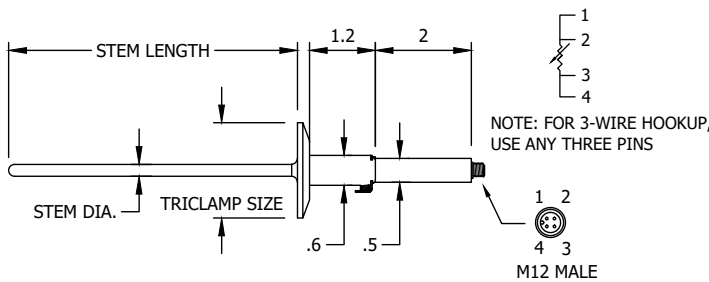
Patented  
US Patent  
D769137



Replaceable  
Sensor Only



Female ReoClick  
Tri-Clamp



Tri-Clamp Size	Diameter	
	in	mm
3/4"	0.98	25
*1.5"	1.98	50.4
2"	2.52	63.9
2.5"	3.05	77.4
3"	3.58	90.9
4"	4.68	118.9

\*1.5" tri-clamp fits 1.5" and 1" tri-clamp fittings

### FEATURES / BENEFITS

- ReoClick Feature Allows for Time and Cost Saving Replacements
- M12 Plug for Easy Hookup
- 3-A Approved Wetted Surfaces (32 Ra max.) with 3-A Certificate Provided
- Connect/disconnect Sensor with a Click of a Button for Easy Calibration
- Fully Sealed for Washdown (IP67)
- Sealed Spring Loaded Sensor can be Placed Directly into Calibration Bath
- Callendar-Van Dusen Coefficients Available for Optimized Sensor Accuracy (Hi-Accuracy™ Curve Plot Option)

### SPECIFICATIONS

**RTD:** 100 ohm Pt., 0.00385 Ω/0°C, 3-wire or 4-wire

**Accuracy:** Class A, C = ± (0.15 + 0.0028\*(t)) [-100/400°C only], 1/10 Din B, C = ± 1/10(0.3 + 0.005\*(t)) [0-100°C only]

**Temperature Range:** -328°F/600°F

**Process Connection:** Tri-Clamp (std); various sizes.

**Stem Length:** 2" to 36" std lengths; custom lengths available.

**Straight Stem Diameters:** 1/4", 3/8", 3/16"

**Reduced Stem Diameters:** 3/8" reduced to 3/16" tip, 1/2" reduced to 1/4" tip

**Wetted Finish:** Ra20 - Ra32 max., Ra20 max.(optional)

**Optional Mating Connector:** Female connector with or without wire available.

## REOCLICK™ M12



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**HOW TO ORDER:** Choose options to build a part number. For example: RCPT15A025AS3W120PS-TS

RCP	T15	A	025	A	S3
MODEL	PROCESS CONNECTION	STEM STYLE	STEM LENGTH	RTD TOLERANCE	ELEMENT
<b>RCP</b> = ReoClick Sanitary RTD with M12 Quick Connect Plug	<b>T15</b> = 1.5" Tri-Clamp (Standard) <b>T20</b> = 2" Tri-Clamp <b>T25</b> = 2.5" Tri-Clamp <b>T30</b> = 3" Tri-Clamp <b>T40</b> = 4" Tri-Clamp <b>T50</b> = 3/4" Tri-Clamp	<i>Straight Stems</i> <b>A</b> = 1/4" Diameter (Standard) <b>F</b> = 3/8" Diameter <b>D</b> = 3/16" Diameter  <i>Reduced Tip Stems</i> <b>B</b> = 3/8" Diameter Reduced to 3/16" Tip <b>C</b> = 1/2" Diameter Reduced to 1/4" Tip	<b>025</b> = 2.5" Stem <b>030</b> = 3" Stem <b>040</b> = 4" Stem <b>060</b> = 6" Stem <b>090</b> = 9" Stem <b>120</b> = 12" Stem <b>180</b> = 18" Stem <b>240</b> = 24" Stem <b>360</b> = 36" Stem <b>???</b> = Length in inches up to 72"	<b>A</b> = Class A, 100Ω, 385 Curve(Standard) <b>T</b> = 1/10 B, 100Ω, 385 Curve	<i>Single Element</i> <b>S3</b> = Single 3-Wire <b>S4</b> = Single 4-Wire

RTDS

W	120	P	S	-	TS
M12 MATING CONNECTOR	WIRE LENGTH	WIRE TYPE	WIRE TERMINATION		OPTIONS
<b>N</b> = None <b>W</b> = Mating Female Connector with Wire <b>F</b> = Mating Female Connector Only (User Installs Wire)	<i>Specify when Mating Connector Option W is Selected</i>  <b>???</b> = Wire Length in Inches (Mating Connector Option W Only)	<i>Specify when Mating Connector Option W is Selected</i>  <b>P</b> = PVC Insulated	<i>Specify when Mating Connector Option W is Selected</i>  <b>S</b> = Stripped (Standard) <b>L</b> = Spade Lugs <b>T</b> = Terminal Pins <b>M</b> = Copper Crimps		<b>TS</b> = Stainless Steel Tag <b>RA</b> = Ra 20 Max Wetted Finish with Certification <b>AC</b> = Hi-Accuracy™ Curve Plot <b>R3</b> = Calibration Certification, 3 Points (0°F, 100°F, 190°F) <b>L3</b> = Calibration Certification, 3 Points (32°F, 100°F, 150°F) <b>R1</b> = Calibration Certification, 1 Point (150°F) <b>C3</b> = Calibration Certification, 3 Points (Customer Picks) <b>C1</b> = Calibration Certification, 1 Point (Customer Picks)