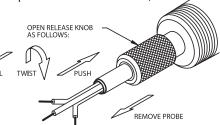
## Spring-loaded Holders

## **Exclusive Minco user-friendly design!**

Minco's spring-loaded holders provide a quick and simple installation and removal of probe sensors — pull out and twist the knob, insert the probe until it bottoms out, and release the knob.

To remove probe, pull out and twist the knob.



Spring pressure holds the probe tip in contact with the measuring surface for faster response and more reliable measurements. Many models feature a rubber O-ring that doesn't crimp the probe but prevents oil leakage to 50 psi (3.4 bar) at up to 260°C. High temperature models are usable to 450°C. Nylon versions provide electrical insulation.



## **ALL PARTS STOCKED**

1													
Fluoroelastomer O-ring seal: 50 psi pressure rated fluid seal													
Body	Temperature		Process	Hex	Adder "A"	Probe Ø	Model						
material	range	"CH"	thread	size	(Total length)	inch (mm)							
300 series stainless steel	-40 to 260°C (-40 to 500°F)	<sup>3</sup> / <sub>4</sub> - 14 NPT	1 <sub>/2</sub> - 14 NPT	11/8" (29 mm)	3.6" (91 mm)	0.188 (4.8)	FG114-1						
						0.215 (5.5)	FG110-1						
						0.250 (6.4)	FG113-1						
316 stainless steel	-40 to 260°C (-40 to 500°F)	<sup>3</sup> / <sub>4</sub> - 14 NPT	1/2 - 14 NPT	11/8" (29 mm)	3.6" (91 mm)	0.188 (4.8)	FG914						
						0.215 (5.5)	FG912						
						0.250 (6.4)	FG911						
Nylon	-40 to 120°C (-40 to 248°F)	<sup>3</sup> / <sub>4</sub> - 14 NPT	1/ <sub>2</sub> - 14 NPT	1" (25 mm) wrench flats	3.6" (91 mm)	0.188 (4.8)	FG314						
						0.215 (5.5)	FG310						
						0.250 (6.4)	FG313						
300 series stainless steel	-40 to 260°C (-40 to 500°F)	1/ <sub>2</sub> - 14 NPT	1/ <sub>2</sub> - 14 NPT	7/ <sub>8</sub> " (22 mm)	2.6" (66 mm)	0.125 (3.2)	FG216N						
						0.188 (4.8)	FG214N						
						0.215 (5.5)	FG210N						
						0.250 (6.4)	FG213N						
						0.236 (6.0)	FG215N						
300 series stainless steel	-40 to 260°C (-40 to 500°F)	None	1/8 - 27 NPT	5/ <sub>8</sub> " (16 mm)	2.8" (71 mm)	0.125 (3.2)	FG116						
					3.6" (91 mm)	0.188 (4.8)	FG112						
						0.215 (5.5)	FG111						
						0.250 (6.4)	FG117						
300 series stainless steel	-40 to 260°C (-40 to 500°F)	None	1/ <sub>4</sub> - 18 NPT	<sup>5</sup> / <sub>8</sub> " (16 mm)	1.9" (48 mm)	0.188 (4.8)	FG101072						
						0.215 (5.5)	FG101078						
						0.250 (6.4)	FG101080						
	Body material  300 series stainless steel  316 stainless steel  Nylon  300 series stainless steel  300 series stainless steel  300 series stainless steel	Body material range  300 series stainless steel -40 to 260°C (-40 to 500°F)  316 -40 to 260°C (-40 to 500°F)  Nylon -40 to 120°C (-40 to 248°F)  300 series stainless steel (-40 to 500°F)  300 series stainless steel (-40 to 500°F)  300 series stainless steel -40 to 260°C (-40 to 500°F)	Body material         Temperature range         Thread "CH"           300 series stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT           316 stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT           Nylon         -40 to 120°C (-40 to 248°F)         3/4 - 14 NPT           300 series stainless steel         -40 to 260°C (-40 to 500°F)         1/2 - 14 NPT           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None	Body material         Temperature range         Thread "CH"         Process thread           300 series stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT         1/2 - 14 NPT           316 stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT         1/2 - 14 NPT           Nylon         -40 to 120°C (-40 to 248°F)         NPT         1/2 - 14 NPT           300 series stainless steel         -40 to 260°C (-40 to 500°F)         1/2 - 14 NPT         1/2 - 14 NPT           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None         1/8 - 27 NPT           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None         1/4 - 18 NPT	Body material         Temperature range         Thread "CH"         Process thread size           300 series stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT         1/2 - 14 NPT         11/8" (29 mm)           316 stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT         1/2 - 14 NPT         11/8" (29 mm)           Nylon         -40 to 120°C (-40 to 248°F)         3/4 - 14 NPT         1/2 - 14 NPT         1" (25 mm) wrench flats           300 series stainless steel         -40 to 260°C (-40 to 500°F)         1/2 - 14 NPT         1/2 - 14 NPT         7/8 " (22 mm)           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None         1/8 - 27 NPT         5/8 " (16 mm)           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None         1/4 - 18 NPT         5/6 " (16 mm)	Body material         Temperature range         Thread "CH"         Process thread         Hex size         Adder "A" (Total length)           300 series stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT         1/2 - 14 NPT         11/8" (29 mm)         3.6" (91 mm)           316 stainless steel         -40 to 260°C (-40 to 500°F)         3/4 - 14 NPT         1/2 - 14 NPT         11/8" (29 mm)         3.6" (91 mm)           Nylon         -40 to 120°C (-40 to 248°F)         3/4 - 14 NPT         1/2 - 14 NPT         1" (25 mm) wrench flats         3.6" (91 mm)           300 series stainless steel         -40 to 260°C (-40 to 500°F)         1/2 - 14 NPT         1/2 - 14 NPT         7/8" (22 mm)         2.6" (66 mm)           300 series stainless steel         -40 to 260°C (-40 to 500°F)         None         1/8 - 27 NPT         5/8" (16 mm)         3.6" (91 mm)	Sody material   Thread range   T						

High temperature: No pressure rating or fluid seal											
	Body material	Temperature range				Adder "A" (Total length)		Model			
		-40 to 450°C (-40 to 842°F)				2.3" (58 mm)		FG801			
	300 series stainless steel						0.215 (5.5)	FG802			
(Set screw installation)							0.250 (6.4)	FG810			

Specifications subject to change