

Suggested Sensor Selection

CITO PRODUCTS HAS DEVELOPED A SERIES OF SENSORS

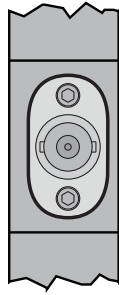
SUITABLE FOR A WIDE RANGE OF APPLICATIONS

THE SENSOR TIP SHOULD BE PLACED AT A DYNAMIC POSITION.

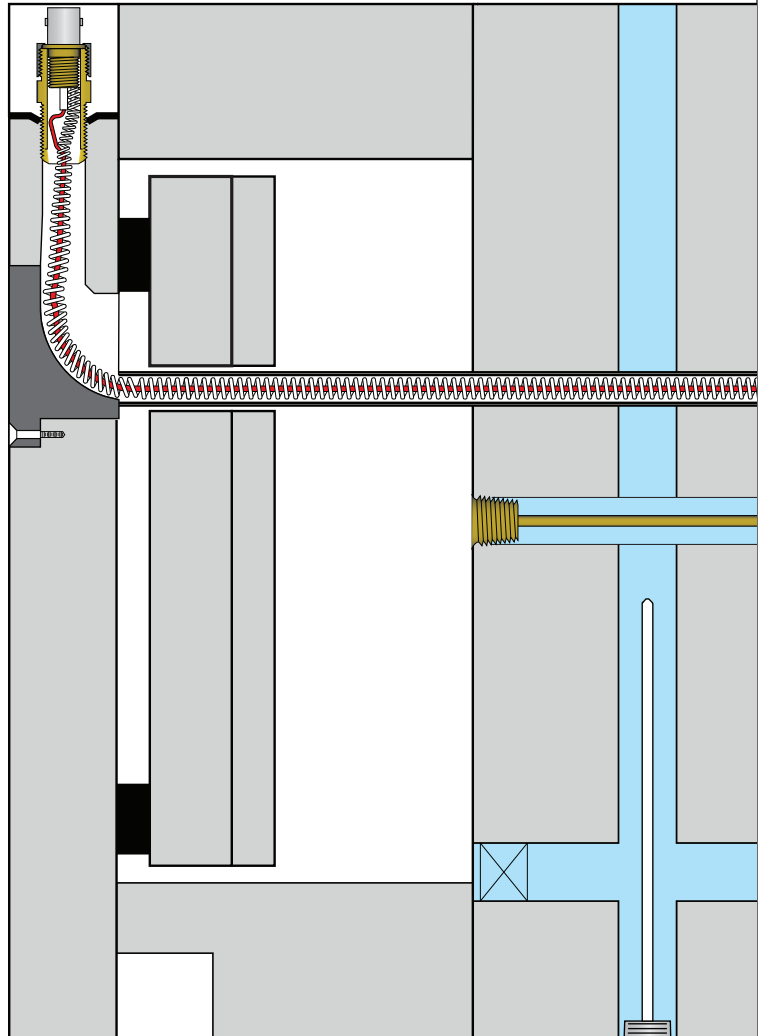
TO CHECK THE SENSOR - USE AN OHM METER. THE RESISTANCE SHOULD READ 20.000 OHM @ 77 DEGR F.(25C) AS THE TEMPERATURE INCREASES - THE RESISTANCE WILL DECREASE.

THE LENGTH OF THE CONNECTION CABLE MAY BE EXTENDED TO ANY LENGTH WITH MINIMAL CHANGE IN PERFORMANCE.

FOR CUSTOM SENSOR ASSEMBLIES - CONTACT FACTORY



6
 SPRING BEAD PROBE 3/16" WITH 3/16" SENSOR GUIDETUBE FOR 90 DEGR. TURNS



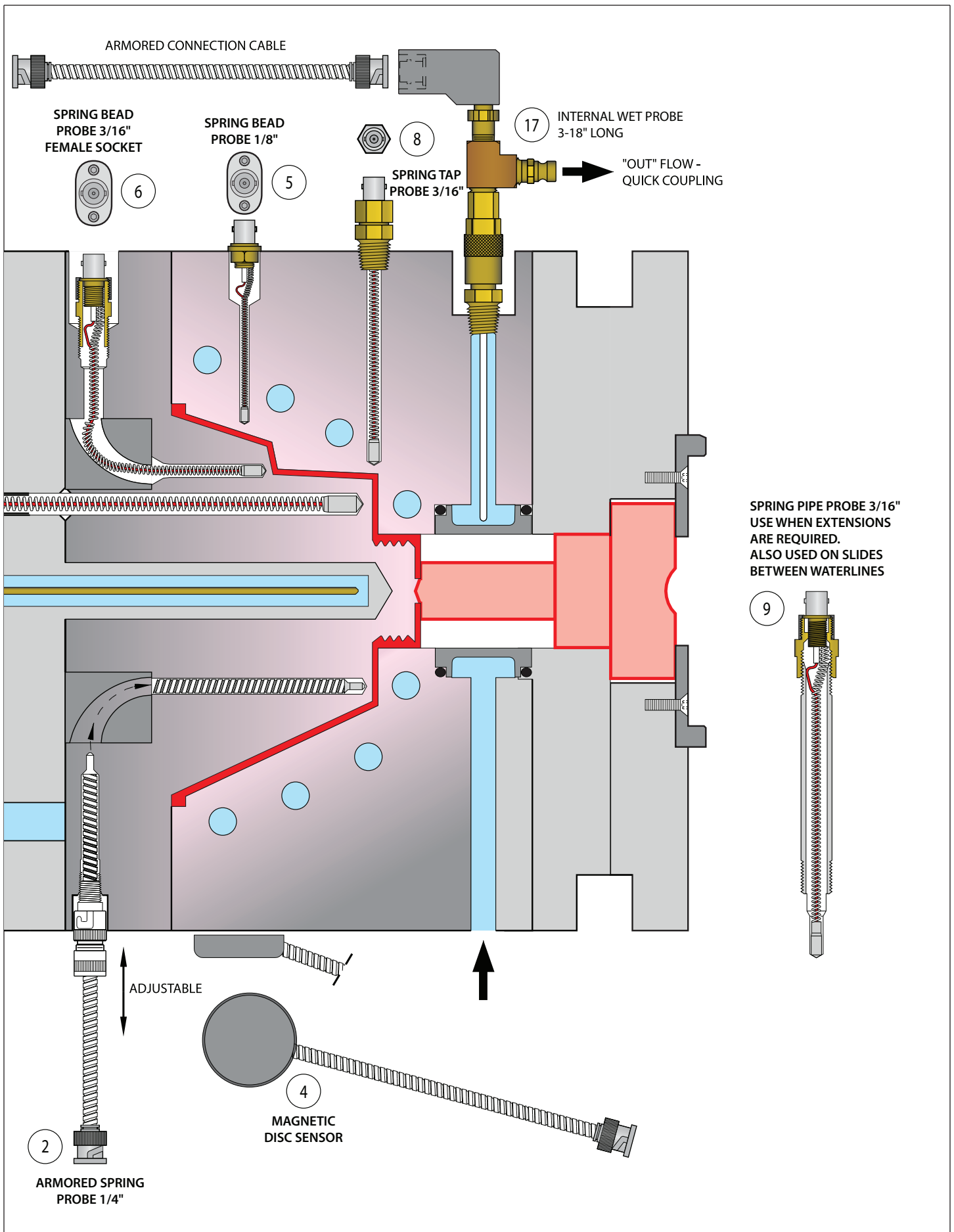
CITO-FP-PRICE-21-0820

Select a sensor that can be installed closest to the area that needs to be controlled.

Ideal distance
 0.1" from Molding Surface

14
 INTERNAL WEB PROBE

Use with
 "Pulse Advance"
 Controller

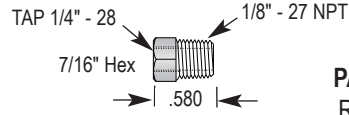
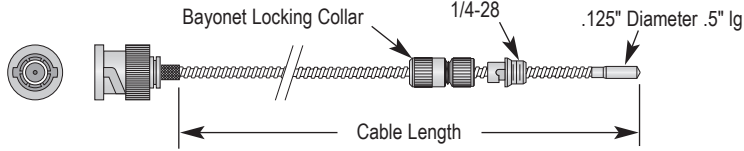


CITO-FP-PRICE-21-0823

Armored Spring Probes - Custom Sizes - Request Quote

1 Armored Mini Probe 1/8", 1/8" X .5" Long Tip (CAD: AMP-2-20-XXX)

SENSOR SELECTION: PC-1000
MFG. DWG. AMP-1200
AMP-1220
INSTALL. AMP-1800



PART NO. PRICE
RB-02-28 \$ 2.80

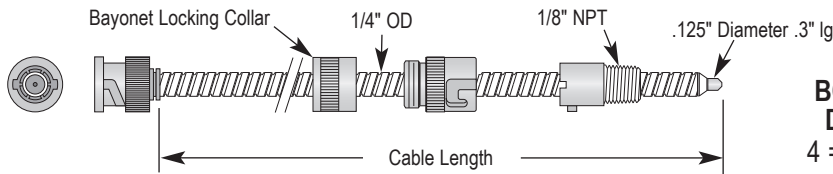
Reducer for Armored Mini
Probe to fit 1/8" NPT

BODY DIA.	OHM 20K	CABLE LENGTH	PART NO.	PRICE
2 = 1/8"	20	6"	AMP-2-20-006	\$104.00
		12"	AMP-2-20-012	\$106.00
		24"	AMP-2-20-024	\$110.00
		48"	AMP-2-20-048	\$120.00
		96"	AMP-2-20-096	\$144.00
		144"	AMP-2-20-144	\$146.00

To make a 90° change in direction use
sensor guide insert SGI-6-875-1.5

2 Armored Spring Probe 1/4", 1/8" X .3" Long Tip (CAD: ASP-4-20-XXX)

SENSOR SELECTION: PC-1000
MFG. DWG. ASP-1200
ASP-1220
INSTALL. ASP-1800

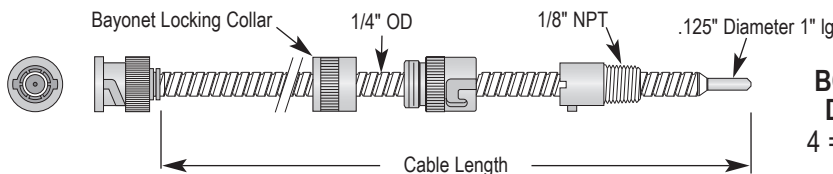


BODY DIA.	OHM 20K	CABLE LENGTH	PART NO.	PRICE
4 = 1/4"	20	36"	ASP-4-20-036	\$110.00
		48"	ASP-4-20-048	\$114.00
		60"	ASP-4-20-060	\$118.00
		72"	ASP-4-20-072	\$120.00
		96"	ASP-4-20-096	\$126.00
		120"	ASP-4-20-120	\$140.00
		144"	ASP-4-20-144	\$144.00

To make a 90° change in direction use
sensor guide insert SGI-8-1500-2

3 Armored Long Probe 1/4", 1/8" X 1" Long Tip (CAD: ALP-4-20-XXX)

SENSOR SELECTION: PC-1000
MFG. DWG. ALP-1200
ASP-1220
INSTALL. ASP-1800



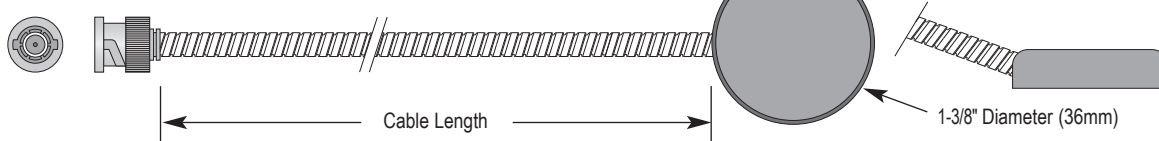
BODY DIA.	OHM 20K	CABLE LENGTH	PART NO.	PRICE
4 = 1/4"	20	36"	ALP-4-20-036	\$112.00
		48"	ALP-4-20-048	\$116.00
		60"	ALP-4-20-060	\$118.00
		72"	ALP-4-20-072	\$120.00
		96"	ALP-4-20-096	\$126.00
		120"	ALP-4-20-120	\$142.00
		144"	ALP-4-20-144	\$146.00

**NOTE: Do not use with
Sensor Guide Insert**

Magnetic Disc Sensor

4 Magnetic Disc Sensor

SENSOR SELECTION: PC-1000
MFG. DWG. MDS-1200



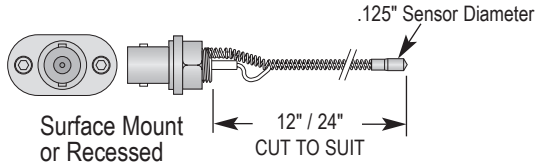
DIA (mm)	OHM 20K	CABLE LENGTH	PART NO.	PRICE
36	20	36"	MDS-36-20-36	\$128.00
		72"	MDS-36-20-72	\$134.00

CITO-FP-PRICE-22-0524

Spring Bead Probes

5 Spring Bead Probe 1/8" (CAD: SBP-2-20-XX)

SENSOR SELECTION: PC-1000
MFG.DWG. SBP-1102
SBP-1202
INSTALL. SBP-1800

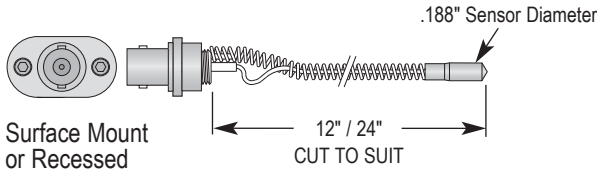


Use with type "ACC" Extension Cable

DIA.	OHM 20K	LENGTH	PART NO.	PRICE
2 = 1/8"	20	12"	SBP-2-20-12	\$ 94.00
	20	24"	SBP-2-20-24	\$ 98.00

6 Spring Bead Probe 3/16" (CAD: SBP-3-20-XX)

SENSOR SELECTION: PC-1000
MFG.DWG. SBP-1103
SBP-1203
INSTALL. SBP-1800

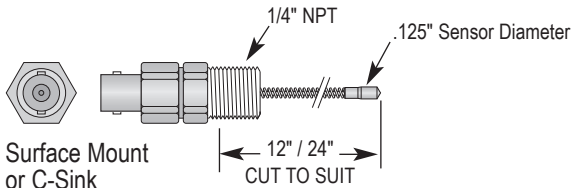


Use with type "ACC" Extension Cable

DIA.	OHM 20K	LENGTH	PART NO.	PRICE
3 = 3/16"	20	12"	SBP-3-20-12	\$ 96.00
	20	24"	SBP-3-20-24	\$ 98.00

7 Spring Tap Probe 1/8" - 1/4" NPT (CAD: STP-2-20-XX)

SENSOR SELECTION: PC-1000
MFG. DWG. STP-1202
INSTALL. STP-1800

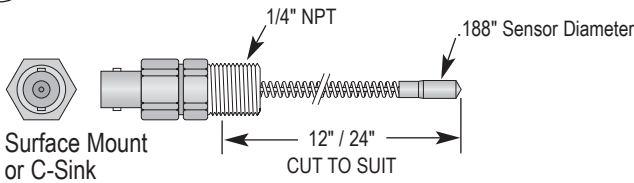


Use with type "ACC" Extension Cable

DIA.	OHM 20K	LENGTH	PART NO.	PRICE
2 = 1/8"	20	12"	STP-2-20-12	\$ 96.00
	20	24"	STP-2-20-24	\$ 98.00

8 Spring Tap Probe 3/16" - 1/4" NPT (CAD: STP-3-20-XX)

SENSOR SELECTION: PC-1000
MFG. DWG. STP-1203
INSTALL. STP-1800

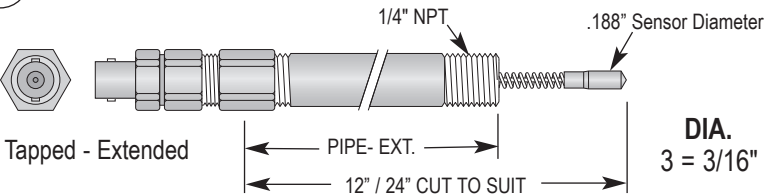


Use with type "ACC" Extension Cable

DIA.	OHM 20K	LENGTH	PART NO.	PRICE
3 = 3/16"	20	12"	STP-3-20-12	\$ 96.00
	20	24"	STP-3-20-24	\$ 98.00

9 Spring Pipe Probe 3/16" - 1/4" NPT (CAD: SPP-3-PX-20-XX)

SENSOR SELECTION: PC-1000
MFG. DWG. SPP-1200



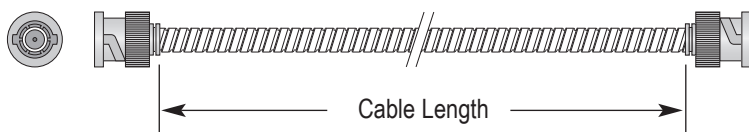
Use with type "ACC" Extension Cable

DIA.	PIPE EXT.	OHM 20K	LENGTH (XX)	PART NO.	PRICE
3 = 3/16"	P4 = 4"	20	12"	SPP-3-P4-20-XX	\$ 98.00
	P6 = 6"		24"	SPP-3-P6-20-XX	\$ 102.00
	P8 = 8"			SPP-3-P8-20-XX	\$ 104.00

Connection Cables

MFG. DWG. ACC-1200

10 Armored Connection Cable

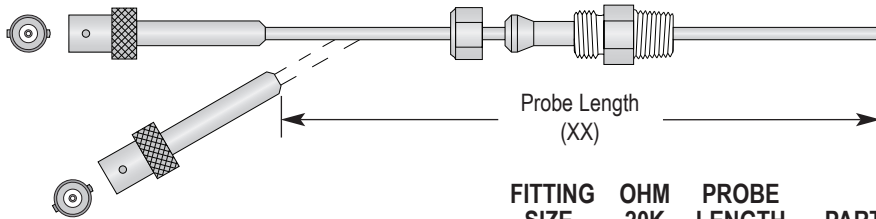


CABLE LENGTH	PART NO.	PRICE
12"	ACC-BB-012	\$ 70.00
24"	ACC-BB-024	\$ 75.00
36"	ACC-BB-036	\$ 80.00
48"	ACC-BB-048	\$ 85.00
60"	ACC-BB-060	\$ 90.00
96"	ACC-BB-096	\$ 105.00
120"	ACC-BB-120	\$ 115.00
144"	ACC-BB-144	\$ 125.00

Internal Wet Temperature Sensors

SENSOR SELECTION: PC-1000
MFG. DWG. IWS-1200
INSTALL. IWS-1800

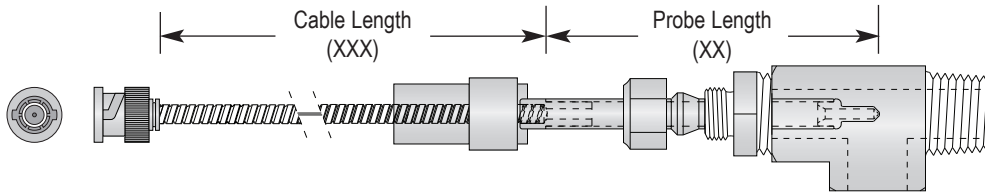
11 Internal Wet Probe - Straight Flow (CAD: IWS-X-20-XX)



FITTING SIZE	OHM 20K	PROBE LENGTH	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE
4 = 1/4"	20	00 = 0"	IWS-4-20-00	\$ 89.00	IWS-6-20-00	\$ 92.00
6 = 3/8"		03 = 3"	IWS-4-20-03	\$ 90.00	IWS-6-20-03	\$ 93.00
		06 = 6"	IWS-4-20-06	\$ 96.00	IWS-6-20-06	\$ 99.00
		09 = 9"	IWS-4-20-09	\$102.00	IWS-6-20-09	\$105.00
		12 = 12"	IWS-4-20-12	\$108.00	IWS-6-20-12	\$111.00

12 Internal Wet Long Probe (CAD: IWL-X-20-XXX)

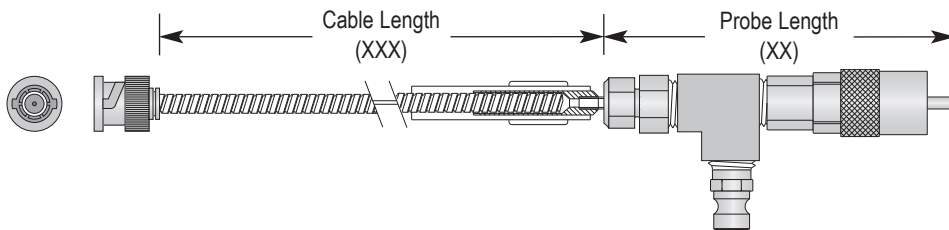
SENSOR SELECTION: PC-1000
MFG. DWG. IWL-1200



FITTING SIZE	OHM 20K	PROBE LENGTH	CABLE LENGTH	PART NO.	**BASE PRICE
8 = 1/2"	20	04 = 4"	48"	IWL-8-20-04-048	\$152.00
			72"	IWL-8-20-04-072	\$163.00
			96"	IWL-8-20-04-096	\$174.00
			144"	IWL-8-20-04-144	\$197.00

13 Internal Wet Probe - Disconnectable (CAD: IWD-X-20-XX-XXX)

SENSOR SELECTION: PC-1000
MFG. DWG. IWD-1200
INSTALL. IWP-1800
IWP-1820
IWP-1840



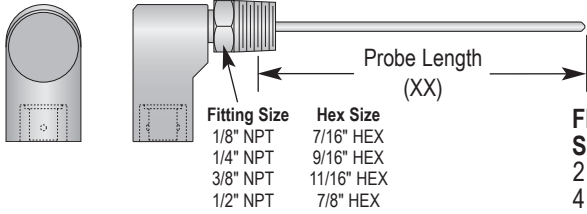
FITTING SIZE	OHM 20K	PROBE LENGTH	CABLE LENGTH	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE
4 = 1/4"	20	03 = 3"	48"	IWD-4-20-03-048	\$152.00	IWD-6-20-03-048	\$152.00	IWD-8-20-03-048	\$162.00
6 = 3/8"		06 = 6"	72"	IWD-4-20-03-072	\$156.00	IWD-6-20-03-072	\$156.00	IWD-8-20-03-072	\$166.00
8 = 1/2"		09 = 9"	96"	IWD-4-20-03-096	\$160.00	IWD-6-20-03-096	\$160.00	IWD-8-20-03-096	\$170.00
		12 = 12"	144"	IWD-4-20-03-144	\$168.00	IWD-6-20-03-144	\$168.00	IWD-8-20-03-144	\$178.00
				IWD-4-20-06-048	\$154.00	IWD-6-20-06-048	\$154.00	IWD-8-20-06-048	\$164.00
				IWD-4-20-06-072	\$158.00	IWD-6-20-06-072	\$158.00	IWD-8-20-06-072	\$168.00
				IWD-4-20-06-096	\$162.00	IWD-6-20-06-096	\$162.00	IWD-8-20-06-096	\$172.00
				IWD-4-20-06-144	\$170.00	IWD-6-20-06-144	\$170.00	IWD-8-20-06-144	\$180.00
				IWD-4-20-09-048	\$160.00	IWD-6-20-09-048	\$160.00	IWD-8-20-09-048	\$170.00
				IWD-4-20-09-072	\$164.00	IWD-6-20-09-072	\$164.00	IWD-8-20-09-072	\$174.00
				IWD-4-20-09-096	\$168.00	IWD-6-20-09-096	\$168.00	IWD-8-20-09-096	\$178.00
				IWD-4-20-09-144	\$176.00	IWD-6-20-09-144	\$176.00	IWD-8-20-09-144	\$186.00
				IWD-4-20-12-048	\$170.00	IWD-6-20-12-048	\$170.00	IWD-8-20-12-048	\$180.00
				IWD-4-20-12-072	\$174.00	IWD-6-20-12-072	\$174.00	IWD-8-20-12-072	\$184.00
				IWD-4-20-12-096	\$178.00	IWD-6-20-12-096	\$178.00	IWD-8-20-12-096	\$188.00
				IWD-4-20-12-144	\$186.00	IWD-6-20-12-144	\$186.00	IWD-8-20-12-144	\$196.00

CITO-FP-PRICE-22-0524

Internal Wet Temperature Sensors

MFG. DWG. IWP-1200
 INSTALL. IWP-1800
 IWS-1820
 IWS-1840

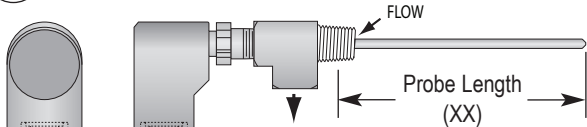
14 Internal Wet Probe (CAD: IWP-X-20-XX)



FITTING SIZE (X)	OHM 20K	PROBE LENGTH	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE
2 = 1/8"	20	03 = 3"	IWP-2-20-03	\$108.00	IWP-6-20-03	\$112.00
4 = 1/4"		04 = 4"	IWP-2-20-04	\$110.00	IWP-6-20-04	\$114.00
6 = 3/8"		06 = 6"	IWP-2-20-06	\$114.00	IWP-6-20-06	\$118.00
8 = 1/2"		09 = 9"	IWP-2-20-09	\$120.00	IWP-6-20-09	\$124.00
		12 = 12"	IWP-2-20-12	\$136.00	IWP-6-20-12	\$130.00
			IWP-4-20-03	\$110.00	IWP-8-20-03	\$114.00
			IWP-4-20-04	\$112.00	IWP-8-20-04	\$116.00
			IWP-4-20-06	\$116.00	IWP-8-20-06	\$120.00
			IWP-4-20-09	\$122.00	IWP-8-20-09	\$126.00
			IWP-4-20-12	\$128.00	IWP-8-20-12	\$132.00

15 Internal Wet Probe - 90 Degree Ports (CAD: IW9-X-20-XX)

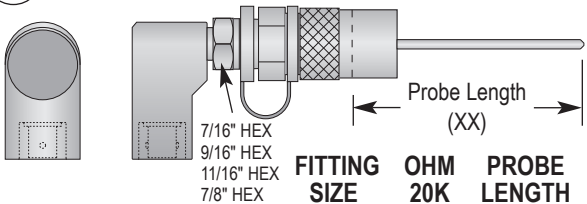
MFG. DWG. IW9-1200
 INSTALL. IWS-1800
 IWS-1820
 IWS-1840



FITTING SIZE	OHM 20K	PROBE LENGTH	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE
4 = 1/4"	20	00 = 0"	IW9-4-20-00	\$114.00	IW9-6-20-00	\$118.00	IW9-8-20-00	\$120.00
6 = 3/8"		03 = 3"	IW9-4-20-03	\$114.00	IW9-6-20-03	\$118.00	IW9-8-20-03	\$120.00
8 = 1/2"		04 = 4"	IW9-4-20-04	\$116.00	IW9-6-20-04	\$120.00	IW9-8-20-04	\$122.00
		06 = 6"	IW9-4-20-06	\$120.00	IW9-6-20-06	\$124.00	IW9-8-20-06	\$126.00
		09 = 9"	IW9-4-20-09	\$136.00	IW9-6-20-09	\$130.00	IW9-8-20-09	\$132.00
		12 = 12"	IW9-4-20-12	\$132.00	IW9-6-20-12	\$136.00	IW9-8-20-12	\$138.00

16 Internal Wet Probe - Removable (CAD: IWR-X-20-XX)

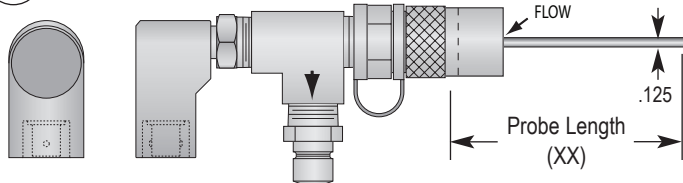
MFG. DWG. IWR-1200
 INSTALL. IWS-1800
 IWS-1820
 IWS-1840



FITTING SIZE	OHM 20K	PROBE LENGTH	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE
4 = 1/4"	20	00 = 0"	IWR-4-20-00	\$113.00	IWR-6-20-00	\$117.00	IWR-8-20-00	\$119.00
6 = 3/8"		03 = 3"	IWR-4-20-03	\$113.00	IWR-6-20-03	\$117.00	IWR-8-20-03	\$119.00
8 = 1/2"		04 = 4"	IWR-4-20-04	\$115.00	IWR-6-20-04	\$119.00	IWR-8-20-04	\$121.00
		06 = 6"	IWR-4-20-06	\$120.00	IWR-6-20-06	\$124.00	IWR-8-20-06	\$126.00
		09 = 9"	IWR-4-20-09	\$127.00	IWR-6-20-09	\$131.00	IWR-8-20-09	\$133.00
		12 = 12"	IWR-4-20-12	\$132.00	IWR-6-20-12	\$136.00	IWR-8-20-12	\$138.00

17 Internal Wet Probe - Quick Change (CAD: IWQ-X-20-XX)

MFG. DWG. IWQ-1200
 INSTALL. IWS-1800
 IWS-1820
 IWS-1840



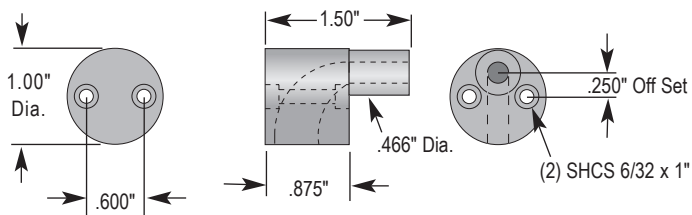
FITTING SIZE	OHM 20K	PROBE LENGTH	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE	PART NO.	**BASE PRICE
4 = 1/4"	20	00 = 0"	IWQ-4-20-00	\$120.00	IWQ-6-20-00	\$128.00	IWQ-8-20-00	\$131.00
6 = 3/8"		03 = 3"	IWQ-4-20-03	\$120.00	IWQ-6-20-03	\$128.00	IWQ-8-20-03	\$131.00
8 = 1/2"		04 = 4"	IWQ-4-20-04	\$122.00	IWQ-6-20-04	\$130.00	IWQ-8-20-04	\$133.00
		06 = 6"	IWQ-4-20-06	\$124.00	IWQ-6-20-06	\$132.00	IWQ-8-20-06	\$135.00
		09 = 9"	IWQ-4-20-09	\$133.00	IWQ-6-20-09	\$141.00	IWQ-8-20-09	\$144.00
		12 = 12"	IWQ-4-20-12	\$140.00	IWQ-6-20-12	\$148.00	IWQ-8-20-12	\$151.00

Sensor Guides

18 Sensor Guide Insert 3/16" Instructions - see MM-1710/1770 (used with Spring Bead Probes only)

MFG.DWG. PC-1860

For CAD see: SG-Sensor-Guide.step

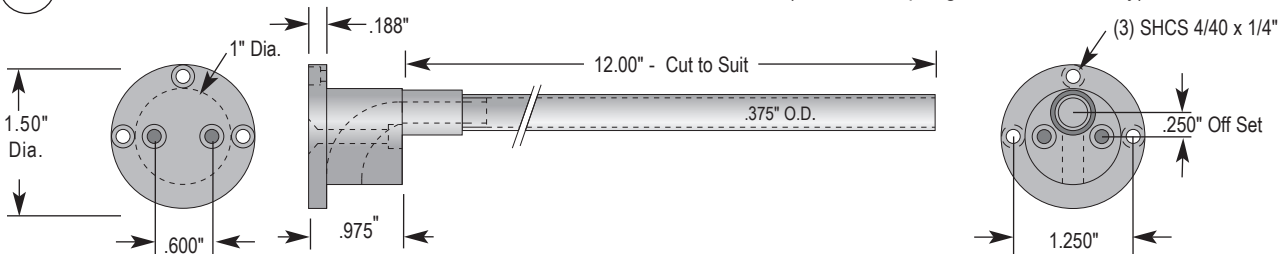


PART NO. SGI-6-875-1.5

PRICE \$ 34.00

19 Sensor Guide Tube 3/16" Installation instructions - see MM-1710/1770 (used with Spring Bead Probes only)

MFG.DWG. PC-1862

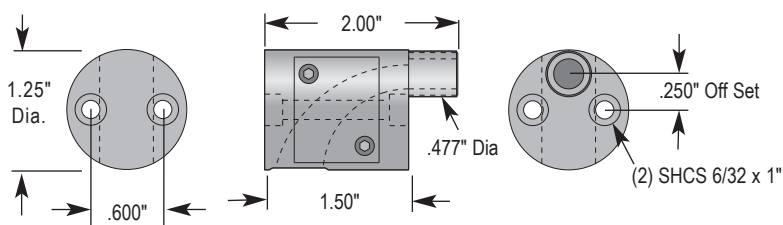


PART NO. SGT-6-875-12

PRICE \$ 47.00

20 Sensor Guide Insert 1/4" Installation instructions - see MM-1780 (used with Armored Spring Probe)

MFG.DWG. PC-1966

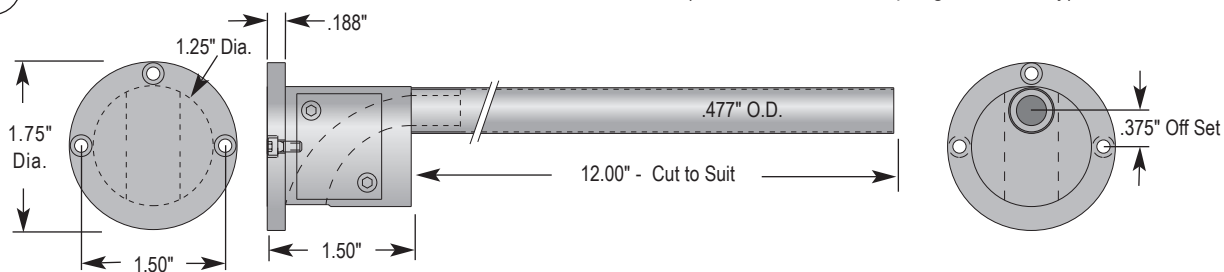


PART NO. SGI-8-1500-2

PRICE \$ 42.00

21 Sensor Guide Tube 1/4" Installation instructions - see MM-1780 (used with Armored Spring Probes only)

MFG.DWG. PC-1968

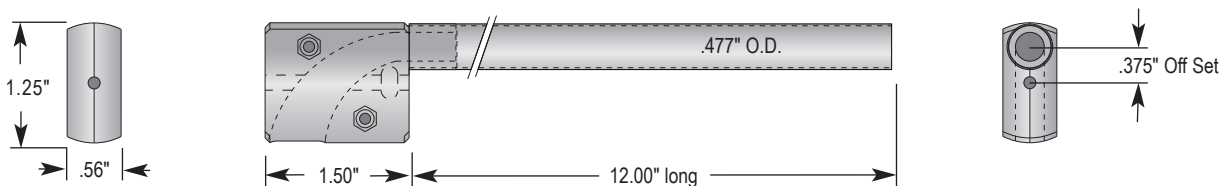


PART NO. SGT-8-1500-12

PRICE \$ 49.00

22 Sensor Guide (Flat) Tube 1/4" Installation instructions - see MM-1790 (used with Armored Spring Bead Probes)

MFG.DWG. PC-1862



PART NO. SGF-8-1500-12

PRICE \$ 51.00