



# Connectors for Transonic Flowprobes

## 10- Pin

## Miniature



CH10 acute connector

**Choice of connectors styles to customize flowprobes for specific applications**



CTS4 mini skin button with cap



CB10 skin button with cap



CS10 sealed connector with cap



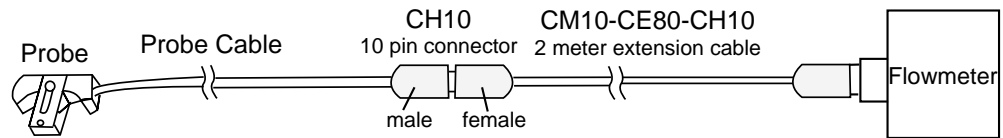
CM4 mini sealed connector with cap



CA4 micro connector

**Transonic flowmeters use ROM digital probe identification and calibration information**

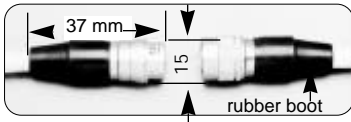
## 10-Pin Connectors



### CH10

#### 10-pin connector with embedded ROM

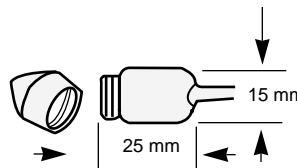
Designed for ease of use in acute flowprobe applications, this snap-in connector houses the complete digital information for the flowprobe. The CH10 can be plugged directly into the flowmeter or into a CH10 extension cable.



### CS10

#### 10-pin sealed connector with embedded ROM

Implantable connector with conical threaded protective cap has suture hole for easy guiding during subcutaneous tunneling. Complete digital probe information is sealed within connector. The CS10 can be plugged directly into the flowmeter or into a CH10 extension cable.

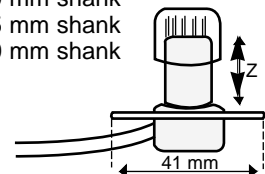


### CB10

#### 10-pin Skin Button with embedded ROM

For chronic implantation, the skin button has a removable anchor flange and flat protective cap. Shank comes in three heights; the cable enters the connector at a right angle. Complete digital probe information is sealed within connector. The CB10 plugs into a CH10 extension cable.

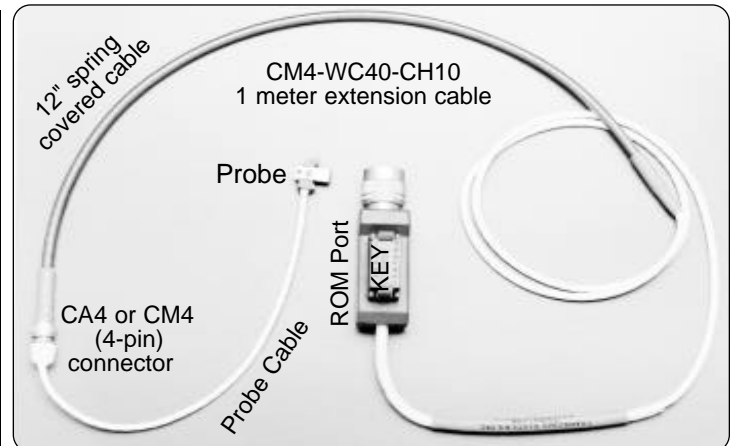
CB10-10: 10 mm shank  
CB10-15: 15 mm shank  
CB10-20: 20 mm shank





# Miniature Connectors for Chronic Implants

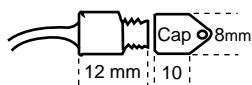
**Miniature 4-pin connectors require a separate, specific ROM calibration key.**



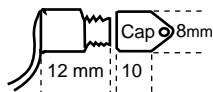
## CM4

**MINI 4-pin sealed connector with separate ROM key**

Implantable 4-pin mini-connector comes with two threaded protective caps and a digital coded key which is specific to each probe. Conical cap with suture hole is used for subcutaneous tunneling; a flat cap is provided for pin protection between measurements. Each probe must be used with its serial numbered key and a CM4 extension cable to the flowmeter. It is available in two cable configurations: CM4S or CM4B (side or back cable exit). We recommend our saddleback cuffs to stabilize the position for external use.



**CM4B**  
(available on all probe sizes)

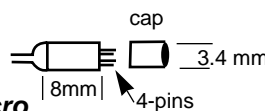


**CM4S**  
(available on probes up to 8 mm)

## CA4

**MICRO 4-pin sealed connector with separate ROM key**

Designed for minimal impact, the 4-pins terminate the cable end with a bare minimum of housing. A cap is provided for limited pin protection. These connectors can be used where delicate chronic implantation requires the least impact from externalizing the connector end. Each probe must be used with its serial numbered key and a CM4 extension cable to the flowmeter. Only available for 1R, 2S, 2R, 2.5S 3R, 3S and 4S probes. These connectors are warranted for one implant only.

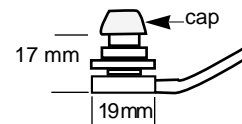


**CA4 micro connector**

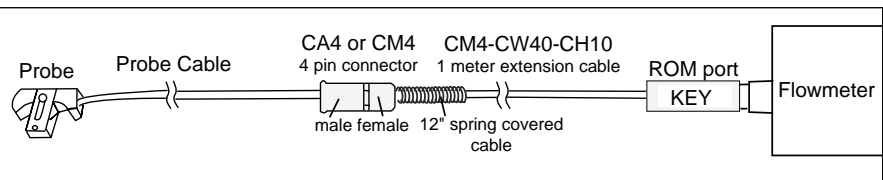
## CTSB4

**4-pin Skin Button with separate ROM key**

In this configuration the implantable 4-pin mini-connector is designed with a skin button for chronic implantation. The connector is used with a digital key specific to each probe. The skin button has a 17 mm diameter long shank, a 19 mm anchor flange and a flat protective cap.

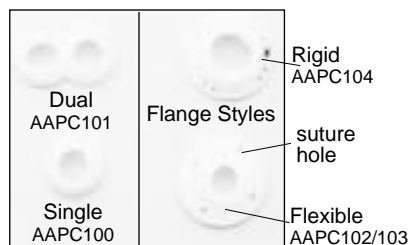


**CTSB4 skin button**



## Saddleback Cuffs for CM4 & CA4 Mini Connectors

Flange style silicone cuffs with suture holes slip over CM4 & CA4 connectors and are sutured to the skin to stabilize the connector in a position where it cannot be reached by the subject. For long-term implants, rigid flange style cuffs are more durable and longer lasting. Dual cuffs for 2 probes are available in silicone.



Saddleback Cuffs	Cat #
Flange-CM4, flexible	AAPC102
Flange-CA4, flexible	AAPC103
Flange, rigid	AAPC104
Single	AAPC100
Dual	AAPC101