Straight

Right Angle

Straight USB

Right Angle USB

Terminal Assignment

Connector Pins	RS232/UART/USB**	RS422	RS485	Wireless	Wire Color
Pin 1	+Vin	+Vin	+Vin	+Vin	Brown
Pin 2	GND	GND	GND	GND	White
Pin 3	TX	TX+	D+	–	Blue
Pin 4	–	TX-	D-	–	Black
Pin 5	RX	RX+	D+	–	Gray
Pin 6	–	RX-	D-	–	Pink
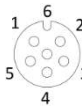
Device:
M 8 – 6-contact
(female)

Cable:
M 8 – 6-pin
(male)

Dimensional Drawing

0.925 [23.50]

0.638 [16.20]

0.906 [23]

Ø0.315 [8]

0.264 [6.70]

1.358 [34.50]

Ø0.315 [8]

Inch
[millimeter]
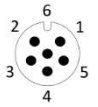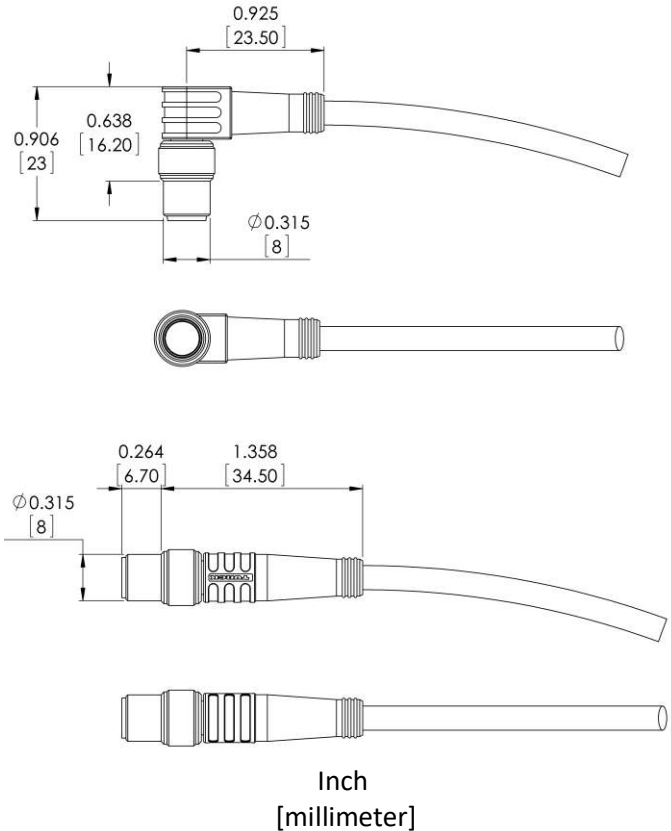
Specifications

Protection	IP 67
Material	Connector: brass / nickel
	Cable molded head: TPU
	Cable carrier: TPU or nylon
	Conductor insulation: PVC
Operational Temperature range[†]	-40°C to +85°C (-40°F to +185°F)
Connection	Cable gland
	Connector M8, 6-contact (male)

Communication Cable Part Number [‡]

XXX XX – X – X – CS

Interface
- G   UART / RS232 / RS422 / RS485
- U   USB
- W   Wireless [§]

Length
- 1   meter
- 2   meter
- 3   meter
- 4   meter (non-stock)
- 5   meter (non-stock)
- 6   meter (non-stock)
- 10 meter (Only PSG)
- 15 meter (non-stock)
- 30 meter (non-stock)

Type
- PSG 6M   Straight
- PSW 6M   Right Angle

Warranty: This product has 18 months limited warranty.
For more information, please visit:
www.CTiSensors.com/warranty

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All contents of this document are subject to change without any notice.

[†] Cable is a third party product with temperature tolerance from -40°C to +105°C (-40°F to +221°F).

[‡] Available options for this model are underlined.

[§] Wireless Module on device side has to be powered.

** USB interface uses UART interface and a UART to USB driver.