

SENSOR CONNECTOR CHART

CONNECTOR TYPE	
BW (Bare wire)	HS (Hirschmann - male)
TJ (Tajimi - male)	
CX (Conxall - male)	

SENSOR TYPE
2 (2 wire - 4 - 20mA)
3 (3 wire - 4 - 20mA)
Smart (No of pins)

OUTPUTS
T = Temp
C = Comms

CONNECTOR CODE
EG. One option for DO100 requires bare wire for the mA output connector, 2 wire type and temperature. BW + 2 + T = BW2T

CODE		BW2T	BW3	BW3C	BW4C	BW6C	BW6	SDI	CX9	CX18	HS7	DETACHABLE CABLE CONNECTOR											
TYPICAL SENSOR APPLICATION		DO100	PH1000 ORP1000	EC250	PS7000, PS1000 Current Out	PS7000, PS1000 Voltage Out	TS1000	CTDP1200 CS4-1200	SMART	CS304 CTDP300	CS304 CTDP300	3000 SERIES	PS2100	3000 SERIES	PS7000 PS1000 Current	PS7000 PS1000 Voltage	DO100	TS1000	EC250	PH1000 ORP1000	CS304 CTDP300	CTDP1200 CS4-1200	SDI-1000 or SDI-300 Adaptor
Function	Colour																						
+ve	Red	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Pin 1	Flying Lead Pin 2	Flying Lead Pin 1	Flying Lead Pin 1	Flying Lead Pin 1	Flying Lead Pin 1	Pin 1	Pin 1	Pin 1	Flying Lead Pin 1	Flying Lead Pin 1	Pin 1	Flying Lead Pin 1	Pin 1	Pin 1
Supply GND	Green or Black	-	Flying Lead	-	-	-	Flying Lead	Flying Lead	Pin 5	Flying Lead Pin 3	Flying Lead Pin 5	Flying Lead Pin 5	Flying Lead Pin 5	Flying Lead Pin 5	-	-	-	Flying Lead Pin 5	-	Pin 5	Flying Lead Pin 5	Pin 5	Pin 5
Signal GND	Light Green	-	-	Flying Lead	-	-	Flying Lead	-	-	-	-	-	-	-	-	-	-	Flying Lead Pin 5	Flying Lead Pin 5	-	-	-	-
Output	Blue	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	-	-	-	-	-	-	-	Pin 6	Pin 6	Pin 6	Pin 6	Pin 6	Pin 6	Pin 6	-	-
EC250 Temperature	Brown	-	-	Flying Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Pin 7	-	-	-	-
DO100 Temperature	Green	Flying Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Pin 5	-	-	-	-	-	-
Voltage Output	Brown	-	-	-	-	-	Flying Lead	-	-	-	-	-	-	-	-	-	-	Pin 7	-	-	-	-	-
1200 Series Output	White	-	-	-	-	-	-	Flying Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	Pin 4	Pin 4
Alarm/Sampler	Blue	-	-	-	-	-	-	-	-	Pin 5	Pin 6	-	-	-	-	-	-	-	-	-	Pin 6	-	-
Rain Gauge	Brown	-	-	-	-	-	-	-	-	Pin 4	Pin 7	-	-	-	-	-	-	-	-	-	Pin 7	-	-
Negative Reference	Brown	-	-	-	-	Flying Lead	-	-	-	-	-	-	-	-	-	Pin 7	-	-	-	-	-	-	-
TXD	Yellow	-	-	Pin 3	Flying Lead	Flying Lead	-	-	Pin 2	Pin 13	Pin 2	Pin 2	Pin 2	Pin 2	Pin 2	Pin 2	-	-	Pin 2	-	Pin 2	-	-
RXD	Violet	-	-	Pin 2	Flying Lead	Flying Lead	-	-	Pin 3	Pin 15	Pin 3	Pin 3	Pin 3	Pin 3	Pin 3	Pin 3	-	-	Pin 3	-	Pin 3	-	-
DTR	White	-	-	-	-	-	-	-	Pin 4	Pin 12	Pin 4	-	-	-	-	-	-	-	-	-	Pin 4	-	-
RTS	Grey	-	-	-	-	-	-	-	Pin 8	Pin 14	-	-	-	-	-	-	-	-	-	-	-	-	-
DCD	Orange	-	-	-	-	-	-	-	-	Pin 8	-	-	-	-	-	-	-	-	-	-	-	-	-
RING	Black	-	-	-	-	-	-	-	-	Pin 10	-	-	-	-	-	-	-	-	-	-	-	-	-
CELL PWR ENABLE	Pink	-	-	-	-	-	-	-	-	Pin 6	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIELD	Yellow/ Green	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	-	-	Flying Lead Pin 18	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead	Flying Lead
COMMS GND	Green	-	-	Pin 1	-	Flying Lead	-	-	-	Pin 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Turbidity Wiper	White	-	-	-	-	-	Flying Lead	-	-	-	-	-	-	-	-	-	-	Pin 4	-	-	-	-	-