

Sensors Wiring Scheme and Pins Allocation

Mostly the sensors used in pairs i.e. 2S, 4S or 6S where the counts for sensor 1 is represented as SR1 while the respective status as SS1 as given below. Same scheme goes for all.

Sensor to Pin Interfacing

Name	Pin No.	Count Variable	Status Variable
Sensor 1	I0_12	SR1	SS1
Sensor 2	I0_11	SR2	SS2
Sensor 3	I0_10	SR3	SS3
Sensor 4	I0_9	SR4	SS4
Sensor 5	I0_8	SR5	SS5
Sensor 6	I0_7	SR6	SS6

Respective Pin Logic

Pin No.	Count Var	Count Logic	Status Var	Status Logic
I0_12	SR1	Good Count	SS1	Event
I0_11	SR2	Rejection	SS2	NA
I0_10	SR3	Good Count	SS3	Event
I0_9	SR4	Rejection	SS4	NA
I0_8	SR5	Good Count	SS5	Event
I0_7	SR6	Rejection	SS6	NA

