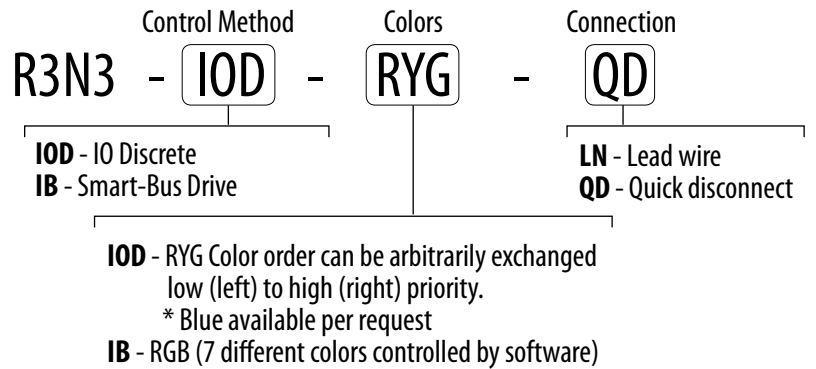
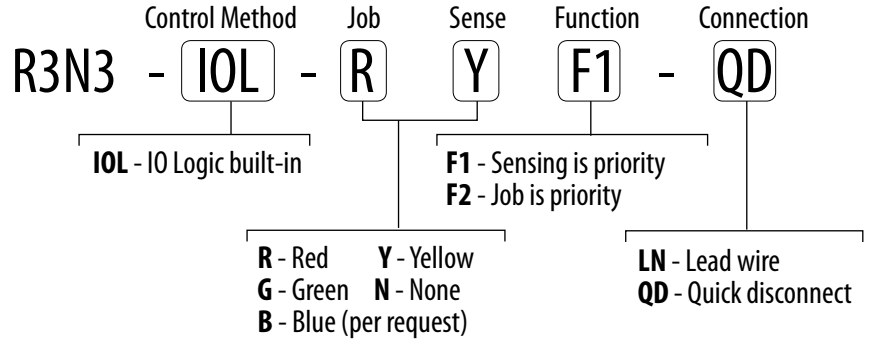


R3N3 SERIES

Ø50mm Sensor Beacon

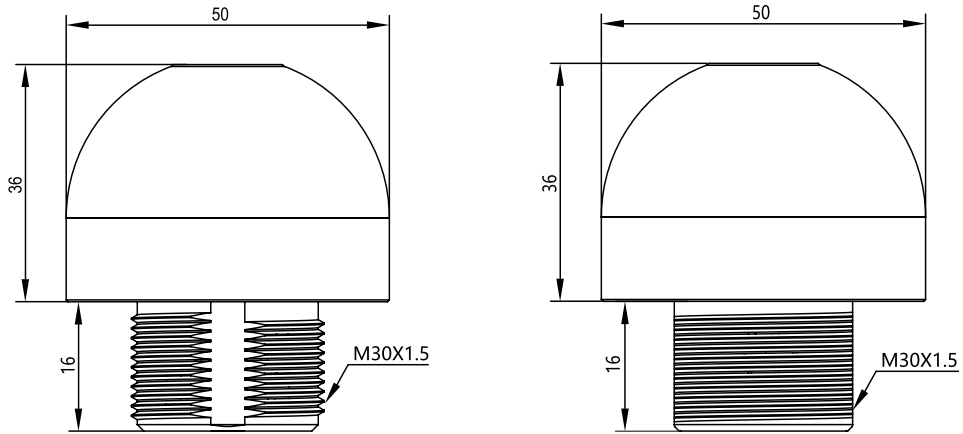
Selection Guide



Specifications

Power supply	12V ~ 30V DC
Supply Current	Red, Yellow, Green: Max 30mA @ 24V DC
Sensing Distance	150mm(5.9 in)
Output Current	Max. Load: 150mA Output state saturation voltage: Approx. equal to supply voltage Non-output state leakage current: <10 µA(30V DC)
Function	F1: Job input keeps the "Job" light ON until sensed. Push activates output and overrides the "Job" light with "Sense" light F2: Job input keeps the "Job" light ON. Sense with inactive job input activates output and turns "Sense" light on
Electrical Protection	Reverse connection protection. Overcurrent protection
Input response time	on/off: 25ms max.
Connection	1m lead wire or 0.3m PVC cable with 4-pin or 6-pin M12 male quick disconnect (requiring mating cordset)
Operation conditions	-40°C to +50°C (-40°F to +122°F) 95% at +50°C maximum relative humidity (non-condensing)
Body material	Bases & covers: ABS(70%) +Polycarbonate (30%) Light segment: Polycarbonate
IP rating	IEC IP69K
Certification	CE, FCC

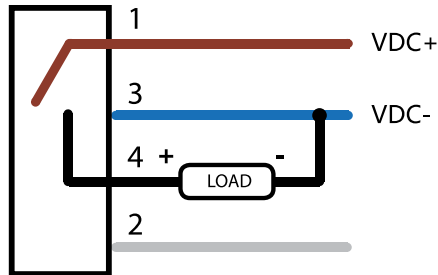
Dimensions



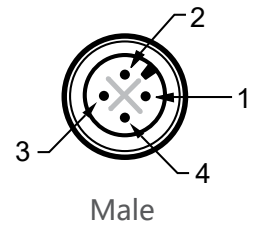
Wiring Diagram

R3N3-IOL

Line order	Line color	Note
1	Brown	Power +
2	Gray	Input
3	Blue	Power -
4	Black	Output

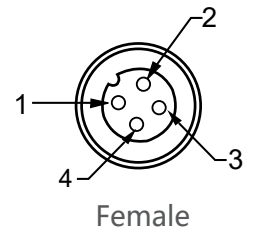
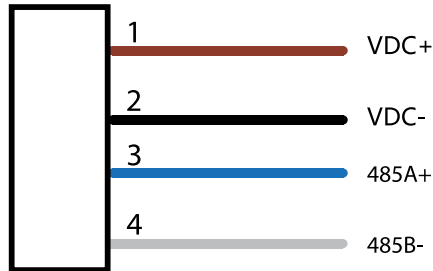


Quick Disconnect



R3N3-IB

Line order	Line color	Light color
1	Brown	Power +
2	Black	Power -
3	Blue	485A +
4	Gray	485B -



R3N3-IOD

Line order	Line color	Light color
1	Black	Output
2	Brown	Power +
3	Green	Signal input
4	Yellow	Signal input
5	Blue	Power -
6	Red	Signal Input

