

PHOTOELECTRIC SENSOR RANGE

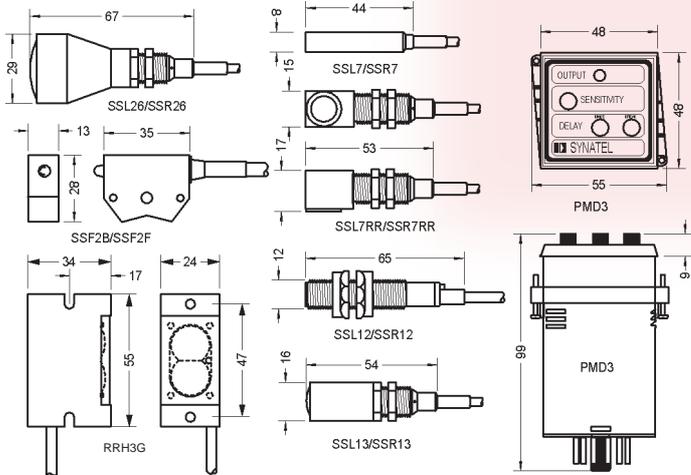
Synatel produce a range of photoelectric sensors, in different styles and packages, to suit a wide variety of applications. The sensors are available as; throughbeam (object 'breaks' the sensing beam), reflex (object reflects light back to sensor) or polarised retro-reflex units (sensor works with a reflector and the object 'breaks' the beam).

MODULAR RANGE SERIES SSP1

An 11 pin, international relay base, plug-in control module (PMD3) for use with a range of heads to fulfil a variety of applications.



Dimensions



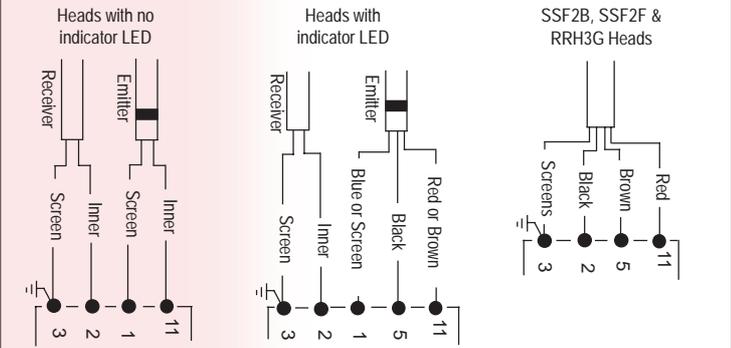
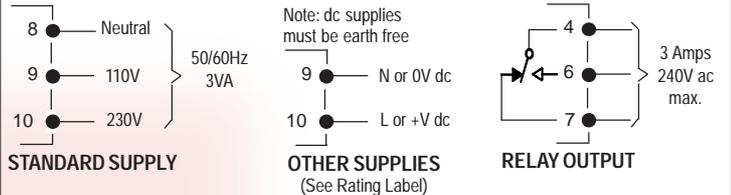
SPECIFICATION - MODULAR SENSOR HEADS

Type	Range (metres)	Weight	Material
Through Beam			
Emitter SSL7	1.25M	70g	Anodised Aluminium
Receiver SSR7	1.25M	70g	Anodised Aluminium
Emitter SSL7RR	1.25M	90g	Anodised Aluminium
Receiver SSR7RR	1.25M	90g	Anodised Aluminium
Emitter SSL12	1.0M	75g	Moulded Polycarbonate
Receiver SSR12	1.0M	75g	Moulded Polycarbonate
Emitter SSL13	5.0M	90g	Brass/Anodised Aluminium
Receiver SSR13H	5.0M	90g	Brass/Anodised Aluminium
Emitter SSL26	10M	100g	Brass/Nylon
Receiver SSR26	10M	100g	Brass/Nylon
Retro Reflex			
RRH3G	2.0M	110g	Moulded ABS
Reflex			
SSF2B Unfocussed	0.05M	95g	Moulded Polycarbonate
SSF2F Focussed	0.02M optimum	95g	Moulded Polycarbonate

SPECIFICATION - PMD3 MODULE

Supply (Standard Unit)	110/230V ac 50/60 Hz, 3VA
Output	S.P.C.O relay. 240V 3A non-inductive
Output Mode	Normally de-energised (output off with beam broken). For reverse operation, <i>normally on with beam broken</i> , add suffix 'X' after model number. (PMD3X)
Operating Temp.	-10° to +50°
Operating Speed	5 per second maximum
Operating Range	Dependant upon head used from chart above
Termination	11 pin plug in relay base
Sensitivity	0 to 100% adjustable
Time Delay	Standard, 1.5 to 15 sec. Other times to order
Indication	Output energised (On) LED
Enclosure	Moulded Noryl (modified PPO) & Acrylic
Protection	IP40
Weight	230g

Connections



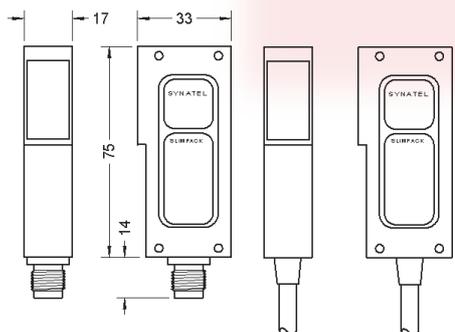
Accessories: 11 pin plug in relay base, reflectors.

SLIMPACK RANGE

A range of reflex, polarised retro-reflex and through beam heads in a compact format ideal for many different applications.



Dimensions



SPECIFICATION - GENERAL

Supply	10-30V dc
Output	Fully protected, opto-isolated transistor. Rated@ 100mA 30V dc max.
Indication	Output state and variable intensity alignment
Termination	2M PVC sheathed cable or 4 pin connector
Sensitivity	0-100% on receiver, reflex and retro reflex

SELECTION CHART

Model	Type	Operating Range	Weight
PP2JO	Retro Reflex	5.0M	280g
PP2JO/C	Retro Reflex	5.0M	100g
PR2JO	Reflex	0.75M	280g
PR2JO/C	reflex	0.75M	100g
PT2JO	Receiver \	6.0M	280g
PL2JV	Emitter /		280g
PT2JO/C	Receiver \	6.0M	100g
PL2JV/C	Emitter /		100g

Models with '/C' after type number require a connector.