



Technical data Sheet

EURV-PS Intelligent Optical Detector with In-built Sounder.

EURV-PS-DSCI Intelligent Optical Detector with In-built Sounder/Dual line sci.

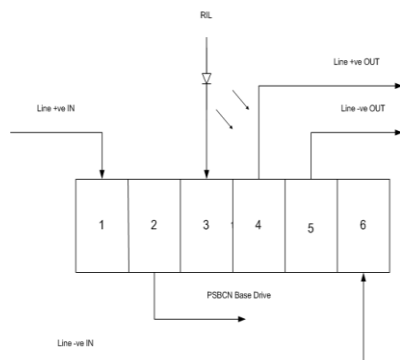
Part Numbers and Product Order Codes:-

Part Description	-	-	-	-	-	EURV-PS and EURV-PS-DSCI
Description	-	-	-	-	-	Intelligent Optical Sensor with Sounder and SCI
Part Number	-	-	-	-	-	100-2501 100-2500 (DSCI)

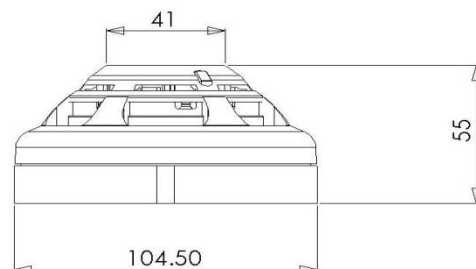
Technical Specifications:-

Sensor Method	-	-	-	-	-	Light Scatter
Sensor Element	-	-	-	-	-	1 x Light Emitting Diode
Operating Voltage	-	-	-	-	-	20V d.c. to 38V d.c.
System Voltage	-	-	-	-	-	35V d.c.
Quiescent Current	-	-	-	-	-	200µA
Alarm Current	-	-	-	-	-	5mA (LED), 2.1mA Sounder (Provisional)
Current for external remote LED indicator	-	-	-	-	-	2mA
Operating Temperature	-	-	-	-	-	- 10°C to + 55°C
Storage Temperature	-	-	-	-	-	- 20°C to + 60°C
Charging Time	-	-	-	-	-	1 minute
Relative Humidity	-	-	-	-	-	≤ RH95% non-condensing.
I.P. Protection Rating	-	-	-	-	-	IP40
Addressing Method	-	-	-	-	-	Soft addressing, Non-Volatile EEPROM.
Material	-	-	-	-	-	ABS/PC alloy
Dimensions	-	-	-	-	-	∅104mm x 40mm (Sensor head) ∅104mm x 55mm (Sensor head and UB Series)
Base)	-	-	-	-	-	
Mass	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and UB Series base)
EMC Conformance	-	-	-	-	-	EMC conformance to BSEN50130-4.
CE Conformity	-	-	-	-	-	EN54-7, EN54-3 and EN54-17

EV-PS Terminal connections



EV-PS Dimensions



Base : UB Series or EV-PSBCN Base

