



DESCRIPTION & APPLICATION

HEMKUNT electronics Proximity Switch/Sensor offer solid state reliability, very low power consumption, and consistent activation points over a wide temp. Range in a rugged and environmentally isolated package.

Diffuse Scan:- Transmitter and receiver are in the same housing. The IR beam emitted by the transmitter is Received by the receiver and an output pulse is achieved.

Thru Beam:- Transmitter and Receiver are in separate housing facing each other with their optical areas when ever the IR beam is interrupted a Output Pulse is achieved.

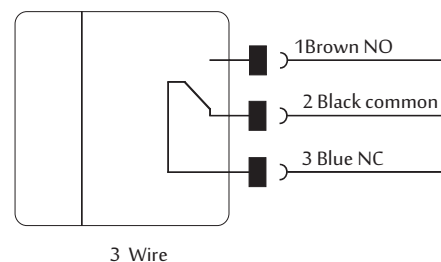
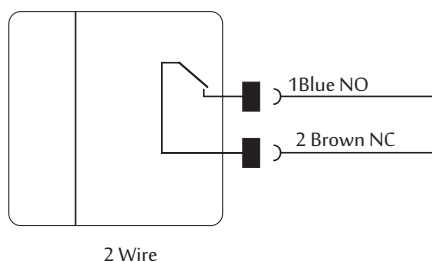
Slot Type:- Voltage:- 10-35 VDC, Voltage drop:- <2.5 V DC, Max Load 200 mA, Current Consumption:- 12mA, Housing:- ABS Plastic, PVC Cable.

HEMKUNT electronics specializes in customizing designs to specific customer needs for a wide range of applications. Please feel free contact us to provide the optimal solution for your specific needs.

FEATURES

- # Automatic adjustable # Easy to install
- # Reliable # Maintenance free
- # Environmental protection

WIRING DIAGRAM



HEMKUNT ELECTRONICS

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Photoelectric Sensors

Type- Diffuse Scan



Transmitter and receiver are in the same housing. The IR beam emitted by the transmitter is Received by the receiver and an output pulse is achieved.



Order Code	(Ads) Sn	Out. Dia	Logic	O/P	Freq	Common Specs
HEP100ES1	100 mm	M-12	PNP	NO	400 Hz	Voltage 10-35 V DC Max Load Current <300mA Voltage Drop <2V DC Leakage Current <10mA Reverse Polarity Protected, Switching Impulse, Suppression, PVC Cable,
HEP100ES2				NC		
HEP100ER1			NPN	NO		
HEP100ER2				NC		
HEP400GS1	400 mm	M-18	PNP	NO		
HEP400GS2				NC		
HEP400GR1			NPN	NO		
HEP400GR2				NC		
HEP800HS1	800 mm	M-30	PNP	NO	25 Hz	Voltage 90-250 V AC Max Load Current <400mA Voltage Drop <5V AC Leakage Current <4.5mA LED Indication, Switching Impulse Suppression, PVC Cable,
HEP800HS2				NC		
HEP800HR1			NPN	NO		
HEP800HR2				NC		
HEP200GW1	200 mm	M-18	—	NO		
HEP200GW2				NC		
HEP400HW1	400 mm	M-30	—	NO		
HEP400HW2				NC		

Type- Thrubeam

Transmitter and Receiver are in separate housing facing each other with their optical areas material when over the IR beam is interrupted a O/P Pulse is achieved.



Order Code	Diameter	Sn Range (Adj)	Remarks
HET4000GX	M-18	4 meters	Unit Contains two sensors one as transmitter other as receiver and a DIN RAIL Mount Control Box with a single change over relay O/P with a rating of 5 Amps/230 VAC
HET8000HX	M-30	7 meters	
HET4000GXD (with ON and OFF time delay)	M-18	4 meters	Unit Contains two sensors one as transmitter other as receiver and a DIN RAIL Mount Control Box with a single change over relay O/P with a rating of 5 Amps/230 VAC and two timing control POT adjustable up to 10 sec Providing ON delay and OFF Delay
HET8000HXD (with ON and OFF time delay)	M-30	7 meters	

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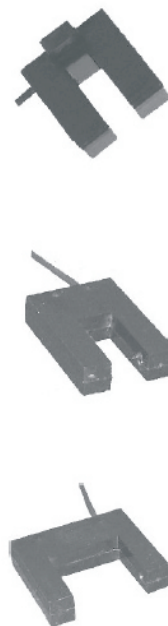
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Type- Thrubeam (inbuilt Amplifier)

Order Code	Out. Dia	Sn (Adj)	Logic	O/P	Freq	Common Specs
HET4000GS1	M-18	4 meter	PNP	NO	50 Hz	Voltage 10-35 V DC Max Load Current <300mA Voltage Drop <2V DC Leakage Current <10mA Reverse Polarity Protected, Switching Impulse, Suppression, PVC Cable, Units contains two sensors one as transmitter other as receiver having in built amplifiers so that they can be connected directly to any external DC sensors and reignited load can be operative
HET4000GS2				NC		
HET4000GR1			NPN	NO		
HET4000GR2				NC		
HET8000HS1	M-30	7 meter	PNP	NO		
HET8000HS2				NC		
HET8000HR1			NPN	NO		
HET8000HR2				NC		

Type- Slot Sensor



Order Code	Slot Width	Slot Depth	Logic	O/P	Freq
HES10SLS1	10 mm	32 mm	PNP	NO	200 Hz
HES10SLS2				NC	
HES10SLR1			NPN	NO	
HES10SLR2				NC	
HES20SLS1	20 mm	40 mm	PNP	NO	
HES20SLS2				NC	
HES20SLR1			NPN	NO	
HES20SLR2				NC	
HES50SLS1	50 mm	42 mm	PNP	NO	
HES50SLS2				NC	
HES50SLR1			NPN	NO	
HES50SLR2				NC	
Common Specs:- Voltage :- 10-35 VDC, Current Consumption :- 12 mA, Voltage drop :- <2.5 V DC, Housing :- ABS Plastic					

As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

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