


# COMPARISON DATA (TAKEX CEILING MOUNT PIR SENSOR)

24/01/2024

Type	TAKEX			
	PA-6800 series			
				
Model	PA-6810E	PA-6812E	PA-6820E	PA-6805E
Detection system	Passive infrared (Twin element)	Passive infrared (Twin element)	Passive infrared (Twin element)	Passive infrared (Twin element)
Type	<b>360°round</b>	<b>Wide</b>	<b>Vertical curtain</b>	<b>Spot</b>
Detection area	<b>360 angle, φ15.2m at 4.9m height</b>	<b>12m x 84 degrees at 2.6m height</b>	<b>20m x 2.1m at 2.6m height</b>	<b>φ4m at 4.9m height</b>
Mounting height	2.0 ~ 4.9m	2.0 ~ 4.9m	2.0 ~ 4.9m	2.0 ~ 4.9m
Sensitive Zone	33 pairs	17 pairs	8pairs	9pairs
Sensitivity adjustment	120%, 100%, 80%, 60% (4 x selectable)	120%, 100%, 80%, 60% (4 x selectable)	120%, 100%, 80%, 60% (4 x selectable)	120%, 100%, 80%, 60% (4 x selectable)
Power supply	10.5 to 28VDC	10.5 to 28VDC	10.5 to 28VDC	10.5 to 28VDC
Power consumption	Max 25mA (+2mA with LED control function)	Max 25mA (+2mA with LED control function)	Max 25mA (+2mA with LED control function)	Max 25mA (+2mA with LED control function)
Alarm output	Dry contact N.C/N.O. change over Capacity : 24V(AC/DC), 0.25A Reset : Approx. 2 sec	Dry contact N.C/N.O. change over Capacity : 24V(AC/DC), 0.25A Reset : Approx. 2 sec	Dry contact N.C/N.O. change over Capacity : 24V(AC/DC), 0.25A Reset : Approx. 2 sec	Dry contact N.C/N.O. change over Capacity : 24V(AC/DC), 0.25A Reset : Approx. 2 sec
Tamper output (When cover removed)	Dry contact N.C Capacity : 30V(AC/DC), 0.25A	Dry contact N.C Capacity : 30V(AC/DC), 0.25A	Dry contact N.C Capacity : 30V(AC/DC), 0.25A	Dry contact N.C Capacity : 30V(AC/DC), 0.25A
Pulse count	1/2/3/4 changeover	1/2/3/4 changeover	-	1/2/3/4 changeover
LED	Enable or Disable selectable	Enable or Disable selectable	Enable or Disable selectable	Enable or Disable selectable
Alarm memory	Auto-reset or memory off selectable (LED control function available)	Auto-reset or memory off selectable (LED control function available)	Auto-reset or memory off selectable (LED control function available)	Auto-reset or memory off selectable (LED control function available)
Operating temp	-15 to +55 C degree	-15 to +55 C degree	-15 to +55 C degree	-15 to +55 C degree
Remark	UL/CE	UL/CE	UL/CE	UL/CE