

WL12-3 Clear Object Detect



WL170 Clear Object Detect



W24 Metal Housing



W280 Garage Door Sensor



W12 Clear Object Features

A reflex version of the W12 series specifically for detecting transparent objects such as glass.

Low switching hysteresis for detecting clear objects

Red light output

Reflex types have polarizing filter for detecting shiny objects

Sensitivity adjustment

Diecast metal housing

IP67 Rating

100mA output

Reflex light spot 30mm at 1.5mm

Dimensions 15mm, 49mm, 41.5mm

WL170 Clear Object Features

A reflex version of the W170 series specifically for detecting transparent objects such as glass.

Red light output

Reflex types supplied with P250 reflector (47mm x 47mm rect 2 slots)

Sensitivity adjustment

ABS housing

IP67 Rating

100mA output

Reflex light spot 30mm at 0.5M

Diffuse light spot 3.5mm at 40mm P410

Dimensions 12mm, 37mm, 28.6mm

| Stock No. | Manuf Ref' | Type | Supply Volt. | Output | Connection | Range mm | Unit Price | |
|-----------|--------------|---------------------|--------------|---------|------------|------------|------------|--|
| | | | | | | | 1-4 | |
| 3801319 | WLG12-3B2531 | REFLEX GLASS DETECT | 30VDC | PNP/NPN | M12 5 PIN | 0 TO 4000 | 140.80 | |
| 3801593 | WL170-P420 | REFLEX GLASS DETECT | 30VDC | PNP | M8 4 PIN | 100 TO 800 | 86.83 | |
| 3801467 | WT170-P410 | DIFFUSE BACKGROUND | 30VDC | PNP | M8 4 PIN | 10 TO 100 | 113.89 | |
| 3801283 | WT170-P430 | DIFFUSE | 30VDC | PNP | M8 4 PIN | 10 TO 550 | 96.17 | |

W24 Series Features

A high quality photoelectric proximity switch housed in a diecast housing being particularly suitable for hostile areas.

Optional lens heating to prevent condensation. ATEX versions available.

Explosion proof versions to EXII 2G EExia IIC T4 available

Red light output

Reflex types have polarizing filter for detecting shiny objects

Sensitivity adjustment

Optional contamination alarm output

Diecast metal housing

IP67 Rating

PNP 100mA output, Relay 3A

Optional front lens heating

Reflex light spot 250mm at 15mm

Dimensions 27mm, 87.5mm, 65mm

W280 Series Features

Photoelectric sensor offering exceptional value for money typically used in garage door applications. Connection via terminal chamber, cable and M12 plug also available.

Red light output

Reflex types have polarizing filter for detecting shiny objects

Reflex types supplied with P250 reflector (47mm x 47mm rect 2 slots)

Sensitivity adjust by Potentiometer

Potentiometer position indicator

ABS housing

IP66 Rating

PNP 100mA output, Relay 3A

Selectable light or dark switching

Reflex light spot 280mm at 10M

Dimensions 23.5mm, 74.5mm, 63mm

| Stock No. | Manuf Ref' | Type | Supply Volt. | Output | Connection | Range mm | Unit Price | |
|-----------|---------------|---------------------|----------------------|------------|-------------|-------------|------------|--|
| | | | | | | | 1-4 | |
| 3801491 | WL24-2V530 | REFLEX ALARM O/P | 30VDC | PNP/NPN | M5 5 PIN | 22000 | 91.52 | |
| 3801596 | WL24-2R230 | REFLEX LENS HEAT | 12-230VAC/ 24-240VDC | RELAY SPDT | CABLE GLAND | 22000 | 91.52 | |
| 3801367 | WS/WE24-2R240 | THRU BEAM LENS HEAT | 12-230VAC/ 24-240VDC | RELAY SPDT | CABLE GLAND | 60000 | 221.14 | |
| 3802896 | WL280-P230 | REFLEX POLARIZING | 30VDC | PNP | TERMINAL | 10 TO 11000 | 65.68 | |
| 3802898 | WL280-S230 | REFLEX POLARIZING | 12-230VAC/ 24-240VDC | PNP | TERMINAL | 10 TO 13500 | 65.68 | |
| 3802900 | WS/WE280-P230 | THROUGH BEAM | 30VDC | PNP | TERMINAL | 0 TO 45000 | 82.21 | |