

**WL160 Horizontal and Vertical**



**W160 Series Features**

A general purpose miniature photoelectric sensor available with horizontal or vertical optics.

- 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
- Green LED signal strength indicator
- Plastic housing
- IP67 Rating
- 100mA output
- Selectable light or dark switching
- Light spot 300mm at 3m
- Dimensions 11mm, 38mm, 23mm

Stock No.	Manuf Ref'	Type	Supply Volt.	Output	Connection	Range mm	Unit Price
							1-4
3801046	WL160-E132	REFLEX-HORIZONTAL	30VDC	NPN	CABLE	10 TO 6500	87.12
3801301	WL160-F132	REFLEX-HORIZONTAL	30VDC	PNP	CABLE	10 TO 6500	87.12
3801298	WL160-F142	REFLEX-VERTICAL	30VDC	PNP	CABLE	10 TO 6500	87.12
3801322	WL160-F430	REFLEX-HORIZONTAL	30VDC	PNP	M8 4 PIN	10 TO 6500	87.12
3801527	WL160-F440	REFLEX-VERTICAL	30VDC	PNP	M8 4 PIN	10 TO 6500	87.12
3801476	WT160-E172	DIFFUSE-HORIZONTAL	30VDC	NPN	CABLE	10 TO 1000	87.12
3801479	WT160-F172	DIFFUSE-HORIZONTAL	30VDC	PNP	CABLE	10 TO 1000	87.12
3801229	WT160-F420	DIFFUSE-VERTICAL BACKROW	30VDC	PNP	M8 4 PIN	4 TO 60	87.12

**W2 Series Subminiature**



**W2 Series Features**

- An incredible small photoelectric sensor for demanding applications in tight spaces.
- Very small size
- Red light output
- LED signal strength indicator
- ABS Plastic housing
- IP67 Rating
- 50mA output
- Reflex light spot 10mm at 100mm
- Diffuse light spot typ 1mm at 15mm
- Dimensions 10mm, 28mm, 17mm

**W100 Series Features**

- A low cost miniature photoelectric sensor with exceptional sensing range.
- Red light output
- Reflex types have polarizing filter for detecting shiny objects
- Sensitivity adjust by Potentiometer
- ABS Plastic housing
- IP65 Rating
- 100mA output
- Selectable light or dark switching
- Reflex light spot 250mm at 3.5M
- Diffuse light spot typ 55mm at 400mm
- Dimensions 11mm, 31mm, 20mm

**W100 Series**



Stock No.	Manuf Ref'	Type	Supply Volt.	Output	Connection	Range mm	Unit Price
							1-4
3801548	WL2S-F111	REFLEX	30VDC	PNP Dark	CABLE	4.5 TO 80	55.35
3801551	WL2S-P111	REFLEX	30VDC	PNP Light	CABLE	4.5 TO 80	55.35
3801554	WT2S-P131	DIFFUSE BACKGROUND	30VDC	PNP Light	CABLE	1 TO 30	65.60
3801557	WT2S-P161	DIFFUSE	30VDC	NPN Light	CABLE	1 TO 55	55.34
3801560	WS/WE2S-F113	THROUGH BEAM	30VDC	PNP Dark	CABLE	1200	77.95
3802909	WL100-P4439	REFLEX	30VDC	PNP	M8 4 PIN	10 TO 6000	42.14
3802908	WL100-P4429	REFLEX GLASS DET	30VDC	PNP	M8 4 PIN	10 TO 3000	45.12
3802910	WT100-P4419	DIFFUSE BACKGROUND	30VDC	PNP	M8 4 PIN	4 TO 120	40.59
3802912	WT100-P4439	DIFFUSE	30VDC	PNP	M8 4 PIN	0 TO 900	38.89
3802914	WS/WE100-P4439	THROUGH BEAM	30VDC	PNP	M8 4 PIN	0 TO 15000	56.30