

**WL9-2 Series**



**WL9-2 Series Features**

A small general purpose photoelectric proximity switch suitable for a wide range of applications.

Red light output

Sensitivity adjust by Potentiometer

Teach in versions via button

ABS Plastic housing

IP67 Rating

100mA output

Selectable light or dark switching

Reflex light spot 120mm at 3M

Diffuse light spot typ 80mm at 500mm

Dimensions 12mm, 40mm, 22mm

**W4-3 Series Features**

Sugar cube sized photoelectric proximity switch suitable for a wide variety of applications.

Red light output

Reflex types have polarizing filter for detecting shiny objects

Sensitivity adjust by Potentiometer 5 turn

Teach in via button for glass detect version

ABS Plastic housing

IP67 Rating

100mA output

Reflex light spot 75mm at 1.5M

Diffuse light spot typ 7mm at 50mm

Dimensions 12mm, 32mm, 16mm

**W4-3 Series**



Stock No.	Manuf Ref'	Type	Supply Volt.	Output	Connection	Range mm	Unit Price
							1-4
3801175	WL9-2N130	REFLEX BASIC	30VDC	NPN	CABLE	0 TO 4000	67.91
3801473	WL9-2P130	REFLEX BASIC	30VDC	PNP	CABLE	0 TO 4000	67.91
3801421	WL9-2P630	REFLEX BASIC	30VDC	PNP	CABLE PLUG	0 TO 4000	67.91
3801572	WL9-2P131	REFLEX TEACH IN	30VDC	PNP	CABLE	0 TO 4000	76.57
3801142	WT9-2P130	DIFFUSE BACKGROUND	30VDC	PNP	CABLE	5 TO 250	67.91
3801575	WT9-2P151	DIFFUSE TEACH IN	30VDC	PNP	CABLE	10 TO 450	76.57
3801578	WT9-2P141	DIFFUSE TEACH IN	30VDC	PNP	CABLE	10 TO 20	84.27
3801509	WS/WE9-2P630	THROUGH BEAM	30VDC	PNP	CABLE PLUG	0 TO 7000	98.93
3801581	WL4G-3F330	REFLEX GLASS DET	30VDC	PNP Dark	M8 3 PIN	0 TO 1600	77.85
3801584	WL4-3F2130	REFLEX	30VDC	PNP Dark	M8 3 PIN	10 TO 4000	49.46
3801587	WTB4-3P2161	DIFFUSE	30VDC	PNP Light	M8 3 PIN	4 TO 150	79.92

**W12-3 Diecast**



**W12-3 Series Features**

The latest 3 series is a highly rugged sensor manufactured in a diecast case. Fitted with the latest generation of optics and electronics this range offers more precise focus and better performance in extreme conditions.

Red light output

Reflex types have polarizing filter for detecting shiny objects

Sensitivity adjustment by Potentiometer, teach in by button

Diecast metal housing

IP67 Rating

100mA output

Reflex light spot 80mm at 3M

Diffuse light spot typ 6mm at 200mm

Dimensions 15mm, 49mm, 41.5mm

**W18-3 Series Features**

A economical but high performance sensor ideally suited to demanding applications on conveyors and packaging machines.

Reflex red light output, Diffuse infrared

Reflex types have polarizing filter for detecting shiny objects

Sensitivity adjust by Potentiometer

ABS Plastic housing

IP67 Rating

100mA output

Reflex light spot 40mm at 2M

Diffuse light spot typ 20mm at 400mm

Dimensions 17.6mm, 75.5mm, 33.5mm

**W18-3 Conveyor Sensor**



Stock No.	Manuf Ref'	Type	Supply Volt.	Output	Connection	Range mm	Unit Price
							1-4
3801250	WL12-3P2431	REFLEX	30VDC	PNP	M12 4 PIN	0 TO 7000	92.40
3801370	WL12-3N2431	REFLEX	30VDC	NPN	M12 4 PIN	0 TO 7000	92.40
3801226	WL12L-2B530	REFLEX LASER	30VDC	PNP/NPN	M12 5 PIN	0 TO 18000	256.31
3801103	WTB12-3P2431	DIFFUSE BACKGROUND	30VDC	PNP	M12 4 PIN	20 TO 350	133.46
3801100	WTB12-3N2431	DIFFUSE BACKGROUND	30VDC	NPN	M12 4 PIN	20 TO 350	135.66
3801590	WTB12-3P2433	DIFFUSE BACK TEACH IN	30VDC	PNP	M12 4 PIN	20 TO 350	135.66
3801106	WTF12-3P2431	DIFFUSE FOREGROUND	30VDC	PNP	M12 4 PIN	35 TO 150	137.13
3801286	WTF12-2N2341	DIFFUSE FOREGROUND	30VDC	NPN	M12 4 PIN	35 TO 150	137.13
3801055	WL18-3P130	REFLEX	30VDC	PNP	CABLE	7000	100.46
3801247	WL18-3P430	REFLEX	30VDC	PNP	M12 4 PIN	7000	100.46
3801058	WL18-3P630	REFLEX TEST INPUT	30VDC	PNP	Q6 6 PIN	7000	100.46
3801052	WT18-3N130	DIFFUSE BACKGROUND	30VDC	PNP	CABLE	50 TO 600	152.81
3801118	WT18-3P110	DIFFUSE BACKGROUND	30VDC	PNP	CABLE	50 TO 700	152.81
3801121	WT18-3P610	DIFFUSE BACKGROUND	30VDC	PNP	Q6 6 PIN	50 TO 700	152.81