

# Datasheet


## Photoelectric Sensors / Through Beam

RS Stock numbers: 903-3927 – 903-3936 – 903-3939 – 903-3933

Item Code	PU30	PU30
Sensing mode	Through beam	Through beam
Sensing distance	30mm ( Adjustable )	30mm ( Non-adjustable )



Output			
	NPN NO/NC	903-3927,9033936	9033939,903-3933
Output			
	PNP NO/NC	903-3927,9033936	9033939,903-3933

Technical Parameter		
Supply voltage	10...30VDC	10...30VDC
Light source	Infrared LED(Modulated)	Infrared LED(Modulated)
Sensing object	Opaque Objects with $\Phi > 2mm$	Opaque Objects with $\Phi > 2mm$
Response time	Max.1ms	Max.1ms
Load current	$\leq 200mA$	$\leq 200mA$
Residual voltage	$\leq 2.5VDC$	$\leq 2.5VDC$
Consumption current	$\leq 15mA$	$\leq 15mA$
Protection	Polarity protection/ Surge protection / Short-circuit protection	Polarity protection/ Surge protection / Short-circuit protection
Output indicator	Yellow LED	Yellow LED
Ambient temperature	-15...55°C	-15...55°C
Withstand voltage	1000V/AC 50/60Hz 60s	1000V/AC 50/60Hz 60s
Insulation	$\geq 50M\Omega(500VDC)$	$\geq 50M\Omega(500VDC)$
Anti-vibration	15mm amplitude at 10 to 50 Hz in each of xy and z direction for two hours	15mm amplitude at 10 to 50 Hz in each of xy and z direction for two hours
Anti-shocking	500m/s(50G) for 3 Times, in each of xy and z direction	500m/s(50G) for 3 Times, in each of xy and z direction
Protection degree	IP60	IP67
Housing material	Aluminum alloy	Aluminum alloy
Connection	2m PVC Cable	2m PVC Cable
Certification	CE 	CE 