

Type	Adjustable Range	Output Type	Mfrs. List No.	Order Code
Prewired Type				
Diffuse	NO	NPN	CXR01-NPN	705-5158
Diffuse	NO	PNP	CXR01-PNP	705-5160
Diffuse	YES	NPN	CXR03V-NPN	705-5171
Diffuse	YES	PNP	CXR03V-PNP	705-5183
Retro-reflective	NO	NPN	CXM2RD-NPN	705-5195
Retro-reflective	NO	PNP	CXM2RD-PNP	705-5201
Plug-in Type				
Diffuse	NO	NPN	CXR01-NPN-J	705-5213
Diffuse	NO	PNP	CXR01-PNP-J	705-5225
Diffuse	YES	NPN	CXM03V-NPN-J	705-5237
Diffuse	YES	PNP	CXM03V-PNP-J	705-5249
Retro-reflective	NO	NPN	CXM2RD-NPN-J	705-5250
Retro-reflective	NO	PNP	CXM2RD-PNP-J	705-5262

SAT15

Type	Output	Order Code	Price Each			
			1+	5+	10+	25+
Prewired Type						
Diffuse	NPN	705-5158				
Diffuse	PNP	705-5160				
Diffuse adjustable	NPN	705-5171				
Diffuse adjustable	PNP	705-5183				
Reflex	NPN	705-5195				
Reflex	PNP	705-5201				
Plug-in Type						
Diffuse	NPN	705-5213				
Diffuse	PNP	705-5225				
Diffuse adjustable	NPN	705-5237				
Diffuse adjustable	PNP	705-5249				
Reflex	NPN	705-5250				
Reflex	PNP	705-5262				

Diffuse, Polarised Reflex, Separate MIDI G Series



- LED indication of output
- Stability alarm output operates if sensing level becomes weak
- IP67 protection
- M8 plug-in connection

H = 20, W = 11.5, D = 35
Reflector (43 23) supplied with reflex type

Sensing distances	Outputs	NPN/PNP open collector, 50mA at 30V dc max.
Diffused reflection	Output indication	By LED
Separate	Response speed	0.5ms max.
Polarised retro-reflective	Light source	Red LED (700nm)
Supply voltage	Temp. range	-25°C to +55°C
Current consumption	Connection	M8, 4 pin, screw lock
Operation mode		
Mfrs. List Nos.	GSR05RS-NPN-NJ = 678-995, GMR2RS-NPN-NJ = 679-010, GT5RS-NPN-NJ = 679-033,	GSR05RS-PNP-NJ = 679-008, GMR2RS-PNP-NJ = 679-021, GT5RS-PNP-NJ = 679-045.

FOR SUITABLE SENSOR CONNECTORS SEE 4-WAY M8 RANGE PAGE 1394

SEN215X

Type	Output	Order Code	1+	5+	10+
Diffuse	NPN	678-995			
Diffuse	PNP	679-008			
Polarised reflex	NPN	679-010			
Polarised reflex	PNP	679-021			
Separate	NPN	679-033			
Separate	PNP	679-045			

Diffused, Polarised Reflex and Separate – J Series Side Viewing – Timer Options



- Slim-bodied, sideways looking
- Quick-change sensor head
- Multi-voltage: 24-240VAC/DC
- Housing sealed to IP66
- Polarised lenses on retro-reflective models
- Light-on/dark-on selectable operation
- Multi-function timer options

Industrial photosensors designed specifically for use in conveyor type applications.

L = 75, W = 35, H = 75 (excl. brackets)

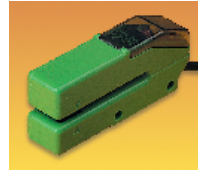
Power supply	24V to 240V ac/dc
Output	Relay SPNO 2A 250V ac
Response time	5ms max.
LED indicators	Red = operation, Green = stability
Timer functions ("F" models)	Delay-on-make, delay-on-break, single shot or no time delay
Timing ranges	By potentiometer adjustment 0.1 to 1 sec or 1 to 10 sec.
Temperature range	-25°C to +55°C

Type	Timer	Range	Mfrs. List No.	Order Code
Diffuse reflection	No	500mm	JR07	705-5006
Diffuse reflection	Yes	500mm	JR07F	705-5018
Retro reflection	No	0.03 to 3m	JRM3R	705-5020
Retro reflection	Yes	0.03 to 3m	JRM3RF	705-5031
Through beam	No	10m	JT10R	705-5043
Through beam	Yes	10m	JT10RF	705-5055

SEN307

Type	Timer	Order Code	Price Each			
			1+	5+	10+	25+
Diffused	No	705-5006				
Diffused	Yes	705-5018				
Polarised Reflex	No	705-5020				
Polarised Reflex	Yes	705-5031				
Separate	No	705-5043				
Separate	Yes	705-5055				

Label Sensor



- Detects labels on backing paper or registration marks on translucent material
- Sensor detects difference between label/colour mark and background material
- Adjust using high/low power switch and fine tuning sensitivity potentiometer
- IP67 protection

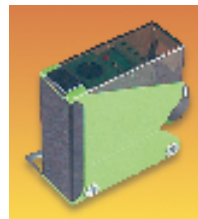
H = 32, W = 18, D = 75, Slot D = 50, Cable L = 3m

Supply voltage	12 to 24V dc ± 10%	Output indication	Output = red LED, Stability = green LED
Current consumption	22mA max.	Response speed	0.5ms max.
Operation mode	Light-on/dark-on selectable	Light source	Red LED (680nm)
Output	NPN or PNP open collector, 100mA at 30V dc max. selectable by wiring)	Temperature range	-25°C to +55°C

SEN214X

Mfrs. List No.	Order Code	1+	5+	10+
MCU2RTC	678-983			

Diffuse with Background Suppression DL-S Series



- Reliable detection up to 1m or 2m with background suppression
- Mechanical adjustment system allows full power of device to be used across full sensing range
- Insensitive to dirt build-up
- Can be used in poor environmental conditions
- Polycarbonate housing protected to IP66
- Detects objects of any colour, material or shape against a similar background
- LED indicators for output and stability status
- Light-on/dark-on operation is switch selectable
- Connection by screw terminals under sealed cover

H = 68, W = 26, D = 80

Sensing distance	279-950 0.2m to 1m, 279-961 0.2m to 2m
Supply voltage	24 to 240V ac/dc
Current consumption (max.)	AC 30mA, DC 4W
Output	SPNO relay 3A 250V ac (750VA) max. 3A 30V dc (90W) max.
Response time	20ms (max.)
Light source	Red LED (880nm)
Operating temperature	-25°C to +55°C

Mfrs. List No. DL-S100P = 279-950, DL-S200P = 279-961

SEN112X

Sensing Range	Order Code	Price Each		
		1+	5+	10+
200mm to 1m	279-950			
200mm to 2m	279-961			

Continued

Total Customer Care

Our aim is to ensure you are 100% satisfied. If you ever have a query with your order, call us on (65) 788 0200