



LINHA PX

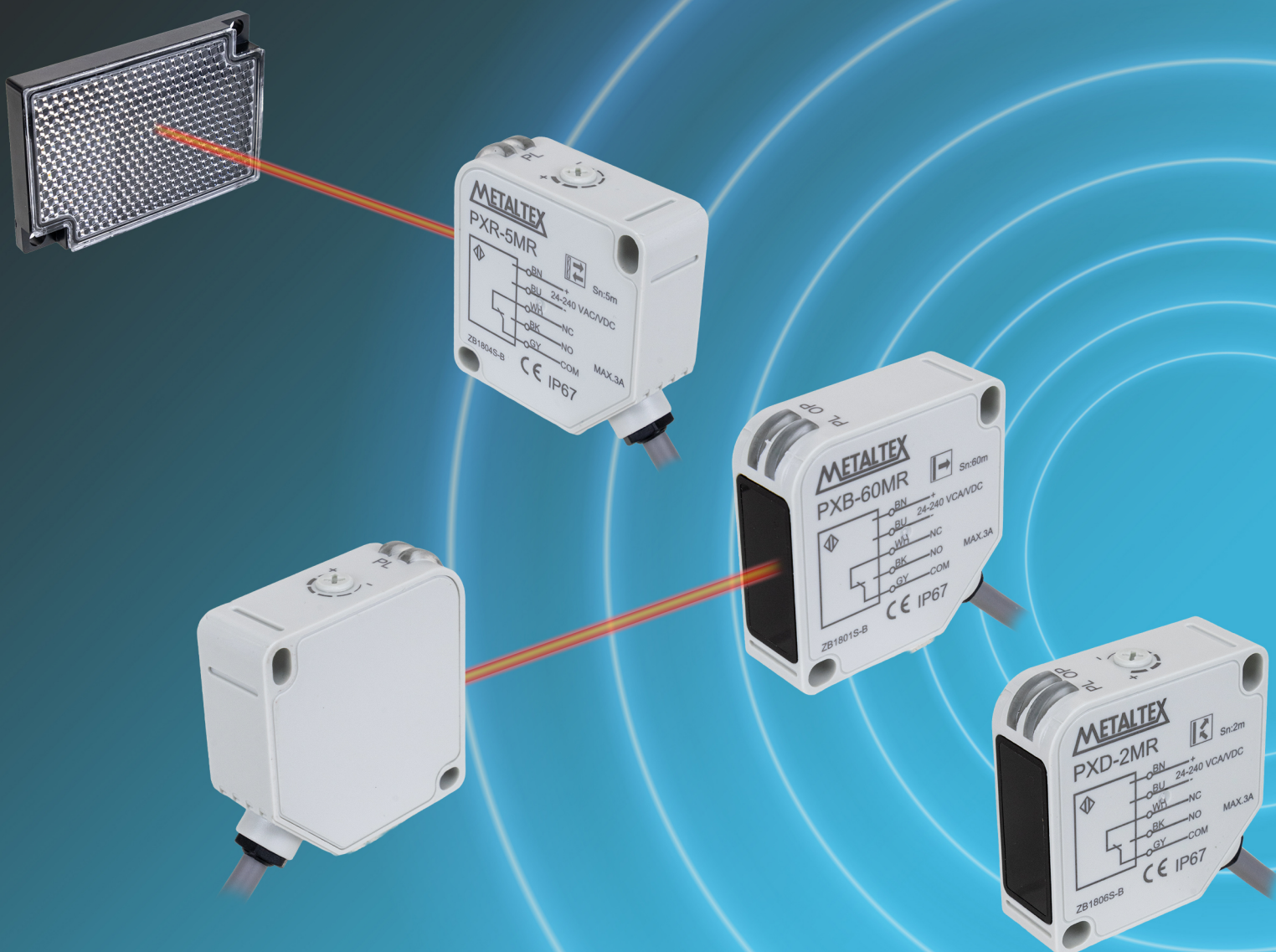
PX SERIES/ LÍNEA PX

SENSOR FOTOELÉTRICO QUADRADO SAÍDA A RELÉ

SQUARE PHOTOELECTRIC SENSOR WITH RELAY OUTPUT/ SENSOR
FOTOELÉCTRICO CUADRADO CON SALIDA A RELÉ

ESPECIFICAÇÕES TÉCNICAS

TECHNICAL SPECIFICATIONS/ ESPECIFICACIONES TÉCNICAS



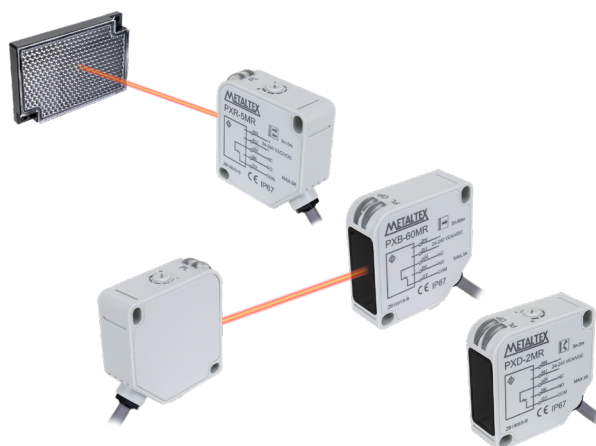
PT

EN

ES

PRINCIPAIS CARACTERÍSTICAS

- Ampla faixa de alimentação 24-240VCA/CC;
- Grau de proteção IP67;
- Excelente desempenho anti-interferência;
- Alta precisão de detecção;
- Saída a relé reversível de 3A;



CÓDIGO DE COMPRA

Tipo		Tipo de saída	
D	Difuso	R	Relé reversível 3A
R	Retroreflectivo		
B	Barreira		

Distância sensora	
30	30 centímetros
2M	2 metros
5M	5 metros
60M	60 metros

PX D - 30 M R

MODELOS

Barreira				
Conexão	Fonte de luz	Distância sensora	Sinal de Saída	Código
Cabo 2 m 	Infravermelho 850nm	60 metros	Saída a Relé	PXB-60MR

Retroreflectivo polarizado				
Conexão	Fonte de luz	Distância sensora	Sinal de Saída	Código
Cabo 2 m 	LED vermelho 650nm	5 metros	Saída a Relé	PXR-5MR

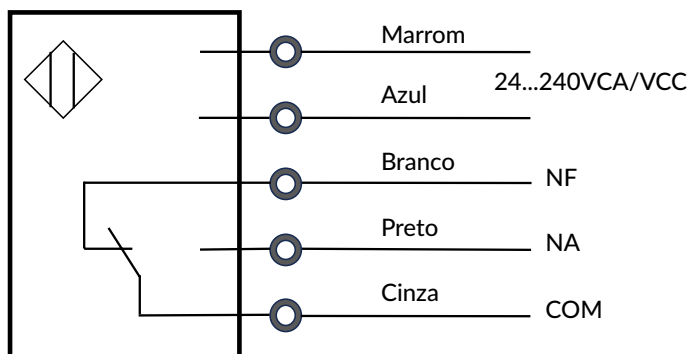
Difuso					PT
Conexão	Fonte de luz	Distância sensora	Sinal de Saída	Código	
 Cabo 2 m	LED Infravermelho 850 nm	30 centímetros	Saída a Relé	PXD-30R	
		2 metros		PXD-2MR	

ESPECIFICAÇÕES GERAIS

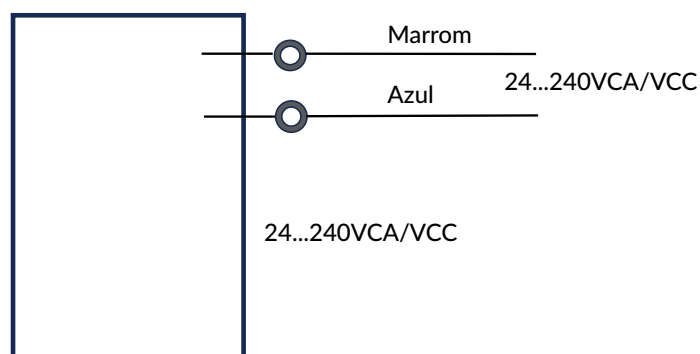
Modelo	Difuso		Retroreflectivo Polarizado	Barreira
Distância sensora	30 cm	2 m	5 m	60 m
Ajuste de sensibilidade	Sim			Sim - Emissor
Alimentação	24 ~ 240 VCA/VCC ±10%			
Fonte de luz	Infravermelho 860 nm		LED vermelho 650 nm	Infravermelho 850 nm
Saída	Relé reversível (Capacidade de 3A/250VCA)			
Precisão repetição	<5%			
Faixa de histerese	3 - 20%			
Indicação	LEDs indicadores de alimentação e operação			
Consumo máximo	35 mA			
Tempo de resposta	<10ms			
Conexão	Cabo de PVC de 2 m			
Temperatura ambiente	-25 ~ 55 °C			
Umidade ambiente	35 ~ 95% RH			
Material de construção	PC/ABS			
Grau de proteção	IP67			
Acessórios inclusos	Suporte de fixação e parafusos	Suporte de fixação, parafusos e espelho prismático		Suportes de fixação e parafusos

ESQUEMA DE LIGAÇÃO

PXD / PXR / PXB (receptor)

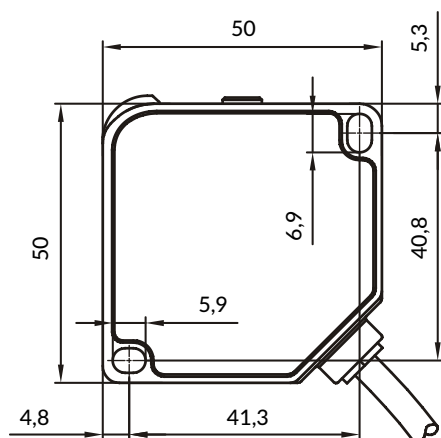


PXB (emissor)

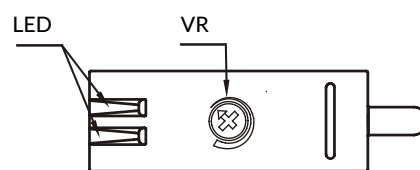


DIMENSÕES (mm)

PT



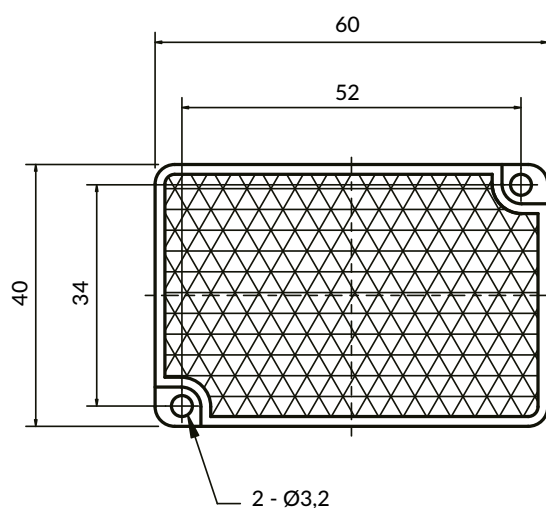
PXD / PXR / PXB (emissor)



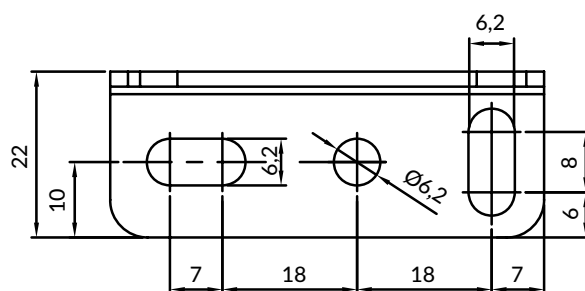
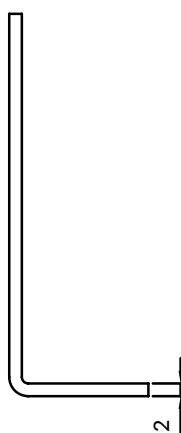
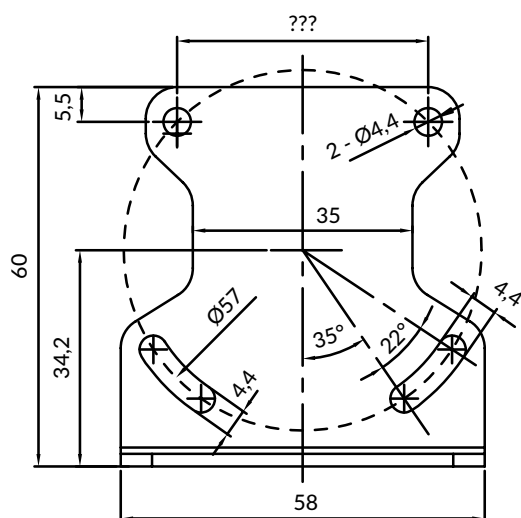
PXB (receptor)



Espelho prismático

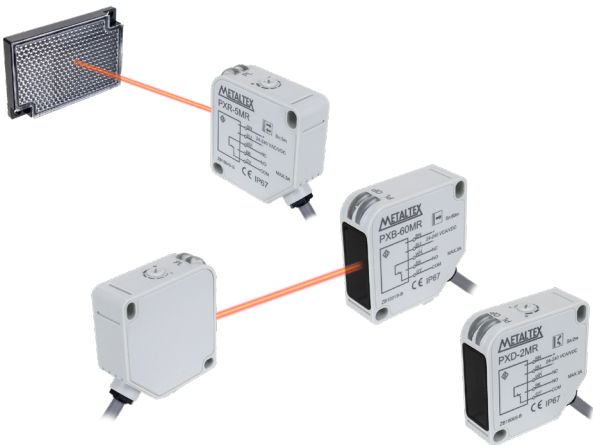


Suporte



MAIN CHARACTERISTICS

- Wide power supply range – 24-240VAC/DC;
- IP65 protection degree;
- Excellent anti-interference performance;
- High detection accuracy;
- 3A reversible relay output



HOW TO ORDER

Type		Output type	
D	Diffuse	R	3A reversible relay
R	Retroreflective		
T	Through		

PX D - 30 M R

Sensing distance	
30	30 centimeters
2M	2 meters
5M	5 meters
60M	60 meters

MODELOS

Throgh-beam				
Connection	Light source	Sensing distance	Output signal	Code
2 m Cable 	Infrared 850nm	60 meters	Relay Output	PXB-60MR

Polarized Retroreflective				
Connection	Light source	Sensing Distance	Output signal	Code
2 m Cable 	Infrared LED 650nm	5 meters	Relay Output	PXR-5MR

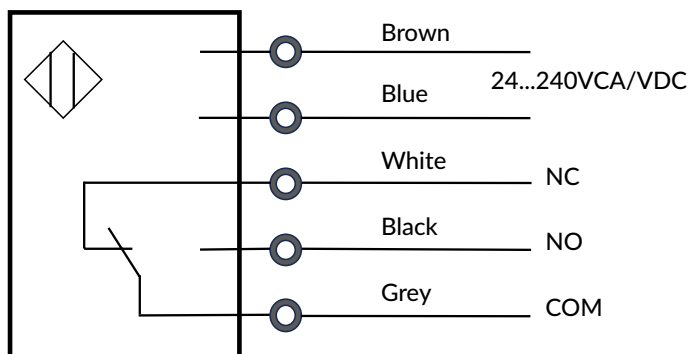
Diffuse					EN
Connection	Light Source	Sensing Distance	Output signal	Code	
 2 m Cable	Infrared LED 850 nm	30 centimeters	Relay Output	PXD-30R	
		2 meters		PXD-2MR	

GENERAL SPECIFICATIONS

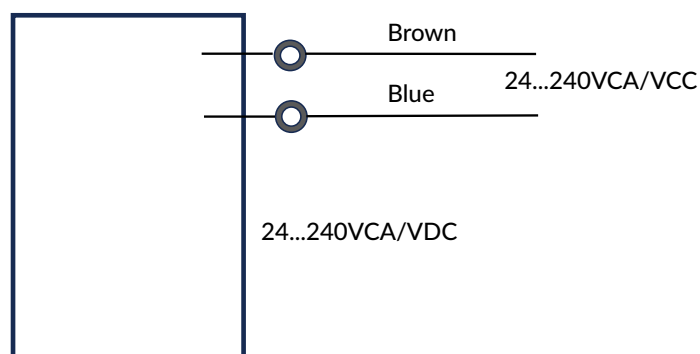
Type	Diffuse		Polarized Retroreflective	Through-beam
Sensing distance	30 cm	2 m	5 m	60 m
Sensibility adjustment	Yes			Yes - Emitter
Power supply	24 ~ 240 VCA/VDC $\pm 10\%$			
Light source	Infrared 860 nm		Red LED 650 nm	Infrared 850 nm
Output	Reversible relay (3A/250Vac capacity)			
Repeated accuracy	<5%			
Hysteresis range	3 - 20%			
Indication	Indicator LEDs for operation and power			
Maximum consumption	35 mA			
Response time	<10ms			
Connection	2m PVC cable			
Ambient temperature	-13 ~ 131°F			
Ambient humidity	35 ~ 95% RH			
Housing material	PC/ABS			
Protection degree	IP67			
Included accessories	Fixing bracket and screws	Fixing bracket, screws and prismatic mirror	Fixing brackets and screws	

WIRING

PXD / PXR / PXB (Receiver)

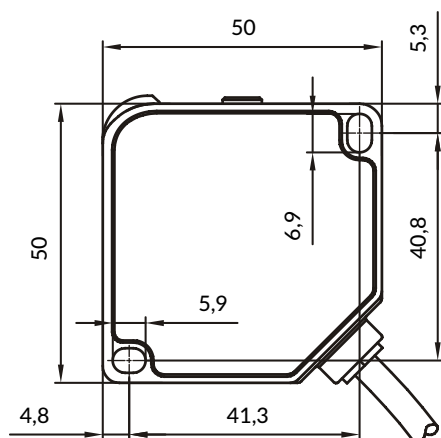


PXB (emitter)

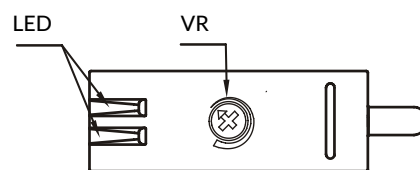


DIMENSIONS(mm)

EN



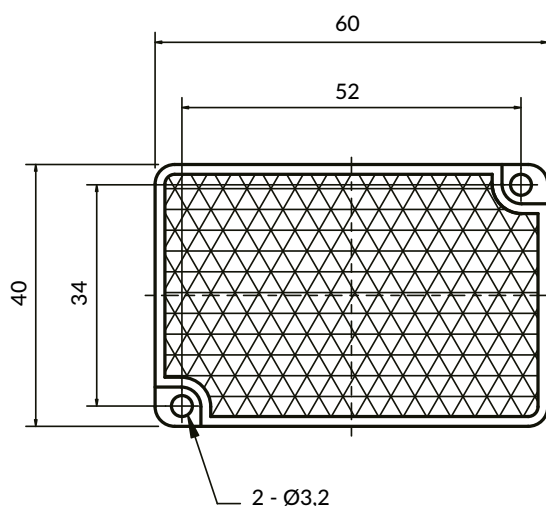
PXD / PXR / PXB (emitter)



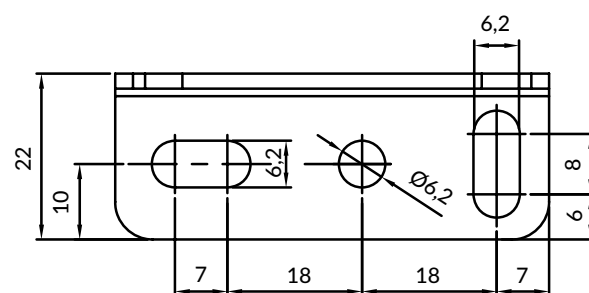
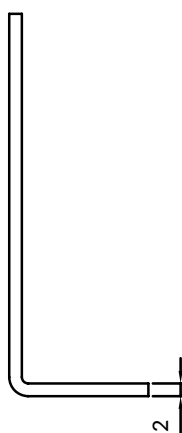
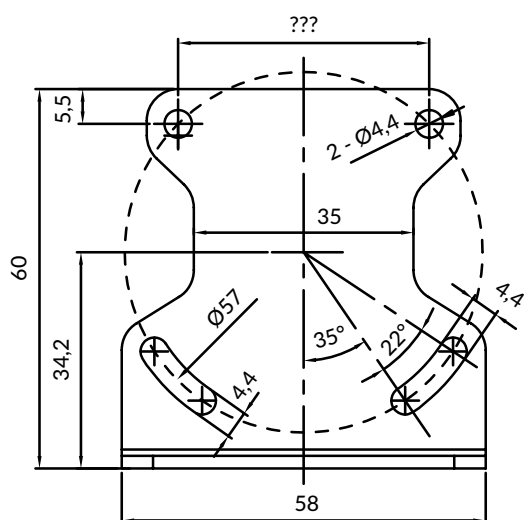
PXB (receiver)



Prismatic mirror

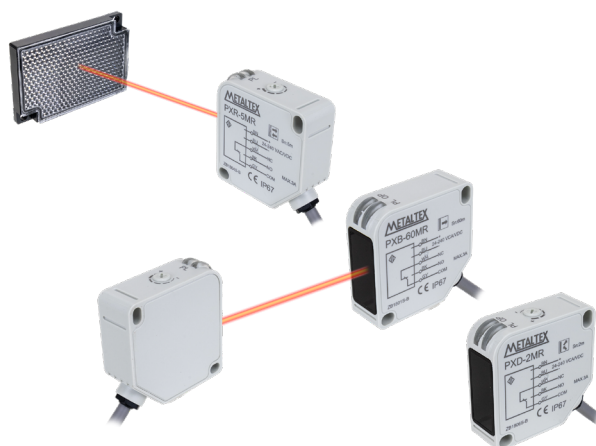


Support



PRINCIPALES CARACTERÍSTICAS

- Amplio rango de alimentación 24-240VCA/CC;
- Grado de protección IP67;
- Excelente desempeño anti-interferencia;
- Alta precisión de detección;
- Salida a relé reversible de 3A;



CÓDIGO DE COMPRA

Tipo		Tipo de salida	
D	Difuso	R	Relé reversible 3A
R	Retroreflectivo		
B	Barrera		

Distancia sensora	
30	30 centímetros
2M	2 metros
5M	5 metros
60M	60 metros

MODELOS

Barrera				
Conexión	Fuente de luz	Distancia sensora	Señal de Salida	Código
Cable 2 m 	Infrarrojo 850nm	60 metros	Salida a Relé	PXB-60MR

Retroreflectivo polarizado				
Conexión	Fuente de luz	Distancia sensora	Señal de Salida	Código
Cable 2 m 	LED rojo 650nm	5 metros	Salida a Relé	PXR-5MR

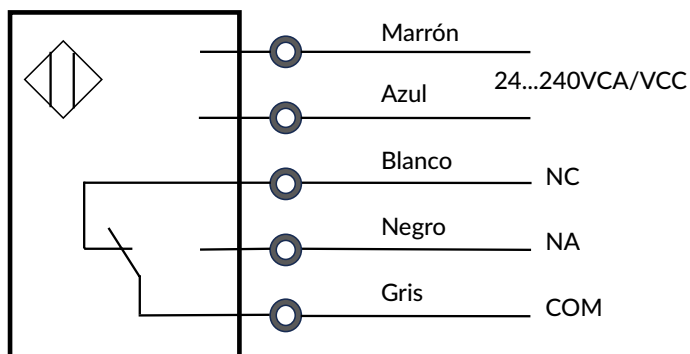
Difuso					ES
Conexión	Fuente de luz	Distancia sensora	Señal de Salida	Código	
 Cable 2 m	LED Infrarrojo 850 nm	30 centímetros	Salida a Relé	PXD-30R	
		2 metros		PXD-2MR	

ESPECIFICACIONES GENERALES

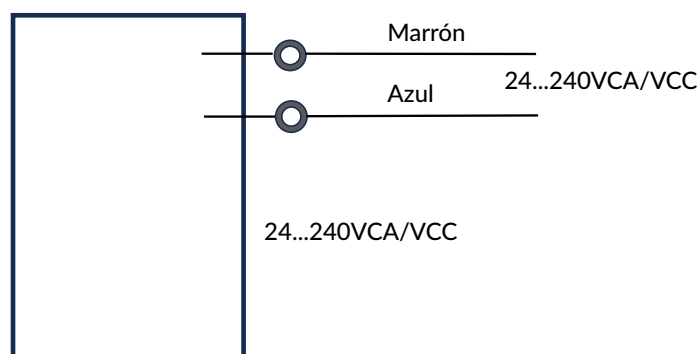
Modelo	Difuso		Retrorreflectivo Polarizado	Barrera
Distancia sensora	30 cm	2 m	5 m	60 m
Ajuste de sensibilidad	Si			Si- Emisor
Alimentación	24 ~ 240 VCA/VCC ±10%			
Fuente de luz	Infrarrojo 860 nm		LED rojo 650 nm	Infrarrojo 850 nm
Salida	Relé reversible (Capacidad de 3A/250VCA)			
Precisión repetición	<5%			
Faja de histéresis	3 - 20%			
Indicación	LEDs indicadores de alimentación y operación			
Consumo máximo	35 mA			
Tiempo de respuesta	<10ms			
Conexión	Cable de PVC de 2 m			
Temperatura ambiente	-25 ~ 55 °C			
Humedad ambiente	35 ~ 95% RH			
Material de construcción	PC/ABS			
Grado de protección	IP67			
Accesorios incluidos	Soporte de fijación y tornillos		Soporte de fijación, tornillos y espejo prismático	Soporte de fijación y tornillos

ESQUEMA DE CONEXIÓN

PXD / PXR / PXB (receptor)

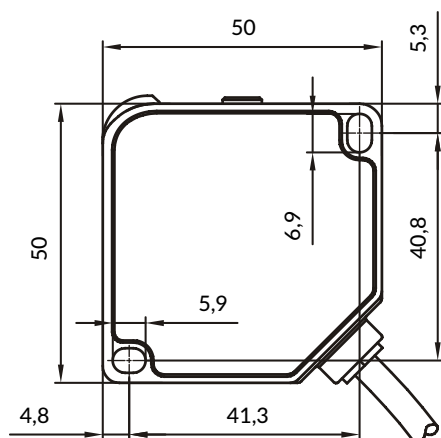


PXB (emisor)

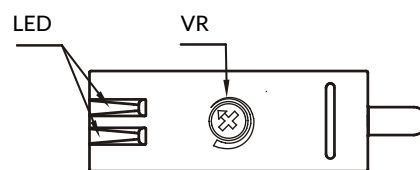


DIMENSIONES(mm)

ES



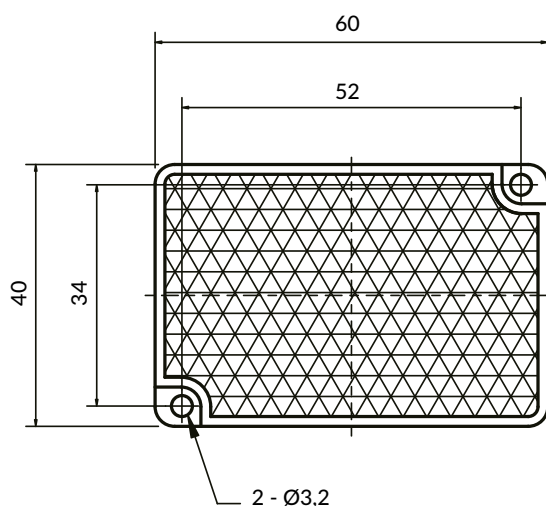
PXD / PXR / PXB (emisor)



PXB (receptor)



Espejo prismático



Soporte

