

Inductive

Rectangular DC 3 Wire

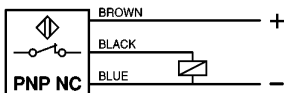
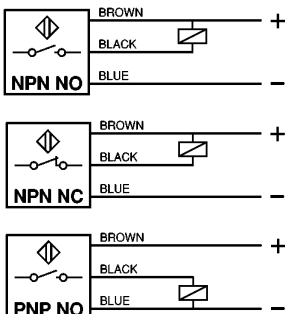
FEATURES:

- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- 3.5, 5, 7.5 and 10 meter cable lengths available upon request

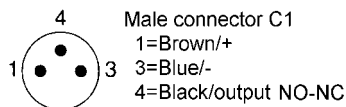
		MODEL			
Output Function	NPN, NO	S3160	S3164	S3780	S3784
	NPN, NC	S3161	S3165	S3781	S3785
	PNP, NO	S3162	S3166	S3782	S3786
	PNP, NC	S3163	S3167	S3783	S3787
Dimensions: mm 1 mm = .03937"					
Operating Distance (Sn)		2mm	2 mm	2 mm	2 mm
Power Supply		6 - 30 Vdc			
Max Switching Current		200 mA			
Power Drain (24Vdc)		< 12 mA			
Voltage Drop (sensor ON)		< 1.8 V			
Short Circuit Protection		Yes			
Operating Frequency		2 kHz		1 kHz	
Repeatability (%Sn)		≤ 3%			
Hysteresis (%Sn)		< 10%			
Case		Anodized Aluminum		Plastic	
Flush Mounting		Yes			
Protection Degree		IP 67			
Operating Temperature		- 25 to +70 °C *			
Output Connection		Cable PVC: L = 2 m	Connector C1	Cable PVC: L = 2 m	Connector C1

* +100° C high temperature version available upon request

WIRING:



CONNECTOR:



MATING CONNECTORS:

ID#	Type	Description
S3480	C1	right angle w/ 5 meter cable
S3481	C1	straight w/ 5 meter cable

Rectangular DC 3/4 & AC 2 Wire

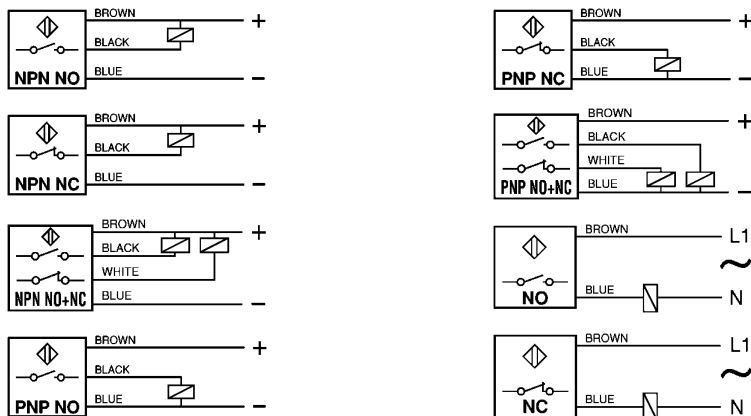
FEATURES:

- Short circuit & reverse polarity protection in DC versions
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- 3.5, 5, 7.5 and 10 meter cable lengths available upon request

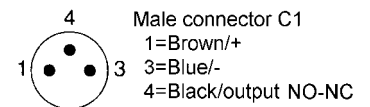
		MODEL							
Output Function	DC, NPN, NO			S3820	S3824				
	DC, NPN, NC			S3821	S3825				
	DC, PNP, NO			S3822	S3826				
	DC, PNP, NC			S3823	S3827				
	DC, NPN, NO+NC	S3168	S3170						
	DC, PNP, NO+NC	S3169	S3171						
	AC, NO					S3320	S3322		
AC, NC					S3321	S3323			
Dimensions: mm 1 mm = .03937"									
Operating Distance (Sn)		2 mm		4 mm		2 mm		4 mm	
Power Supply		10 - 30 Vdc				20-250 Vac			
Max Switching Current		200 mA				300 mA			
Min Switching Current		—				5 mA			
Max Peak Current for 20m		—				1.5 A			
Residual Current		—				< 1 mA			
Power Drain (24Vdc)		< 15 mA				—			
Voltage Drop (sensor ON)		< 1.8 V				< 6 V			
Short Circuit Protection		Yes				—			
Operating Frequency		1 kHz				12 Hz			
Repeatability (%Sn)		≤ 3%							
Hysteresis (%Sn)		< 10%							
Case		Plastic							
Flush Mounting		Yes	No	Yes	No	Yes	No	Yes	No
Protection Degree		IP 67							
Operating Temperature		- 25 to +70 °C *							
Output Connection		Cable PVC: L = 2 m		Connector C1		Cable PVC: L = 2 m			

* +100° C high temperature version available upon request

WIRING:



CONNECTOR:



MATING CONNECTORS:

ID#	Type	Description
S3480	C1	right angle w/ 5 meter cable
S3481	C1	straight w/ 5 meter cable

Inductive

Rectangular DC 3/4 Wire Inductive

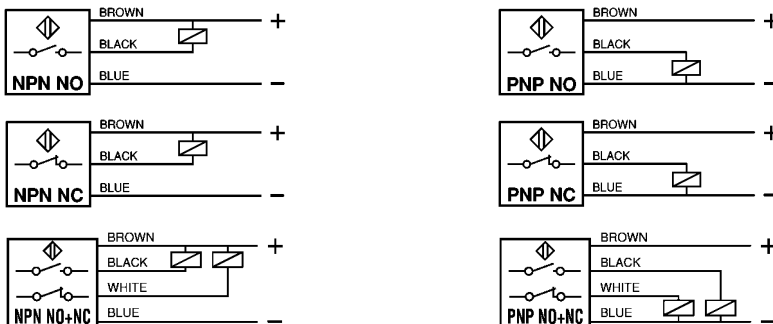
FEATURES:

- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- 3.5, 5, 7.5 and 10 meter cable lengths available upon request

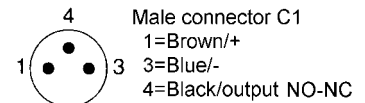
		MODEL			
Output Function	NPN, NO		S3574		S3176
	NPN, NC		S3575		S3177
	PNP, NO		S3576		S3178
	PNP, NC		S3577		S3179
	NPN, NO+NC	S3580		S3174	
	PNP, NO+NC	S3581		S3175	
Dimensions: mm 1 mm = .03937"					
Operating Distance (Sn)		5 mm	5 mm	5 mm	5 mm
Power Supply		10 - 30 Vdc			
Max Switching Current		200 mA			
Power Drain (24Vdc)		< 15 mA			
Voltage Drop (sensor ON)		< 1.8 V			
Short Circuit Protection		Yes			
Operating Frequency		1 kHz			
Repeatability (%Sn)		≤ 3%			
Hysteresis (%Sn)		< 10%			
Case		Plastic		Nickel-plated brass	
Flush Mounting		No		Yes	
Protection Degree		IP 67			
Operating Temperature		- 25 to +70 °C *			
Output Connection		Cable PVC: L = 2 m	Connector C1	Cable PVC: L = 2 m	Connector C1

* +100° C high temperature version available upon request

WIRING:



CONNECTOR:



MATING CONNECTORS:

ID#	Type	Description
S3480	C1	right angle w/ 5 meter cable
S3481	C1	straight w/ 5 meter cable