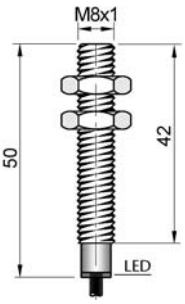
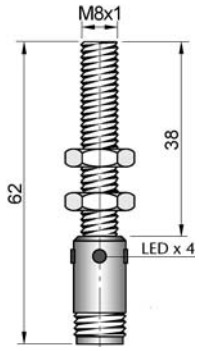
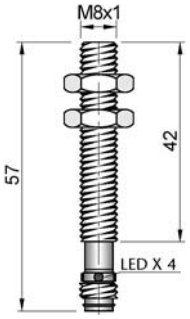
8 mm Diameter DC 3 Wire

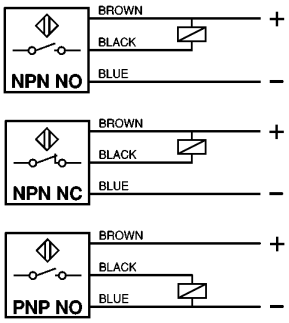
FEATURES:

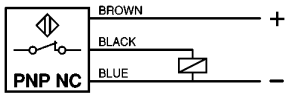
- Stainless steel case
- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- +100° C high temperature version available upon request
- 5 and 10 meter cable lengths available upon request

		MODEL		
Output Function	NPN, NO	S3440	S3014E	S3740
	NPN, NC	S3441	S3015E	S3741
	PNP, NO	S3442	S3016E	S3742
	PNP, NC	S3443	S3017E	S3743
Dimensions: mm 1" = 25.4 mm 1 mm = .03937" (not to scale) CE RoHS				
Operating Distance (Sn)		**2 mm**		
External Diameter		M 8 x 1		
Power Supply		10 - 30 Vdc		
Max Switching Current		200 mA max		
Power Drain (24Vdc)		< 12 mA		
Voltage Drop		< 1.8 V		
Short Circuit Protection		Yes		
Operating Frequency		2 kHz		
Repeatability (%Sn)		≤ 3%		
Hysteresis (%Sn)		< 10%		
Case		Stainless Steel		
Flush Mounting		Yes		
Protection Degree		IP 67		
Operating Temperature		- 25 to +70 °C*		
Output Connection		Cable PVC, L=2m	Connector C	Connector C1

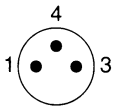
***** +100° C high temperature version available upon request

WIRING:

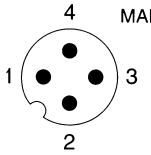




CONNECTOR:



Male connector C1
1= brown/+
3= blue/-
4= black/output NO-NC



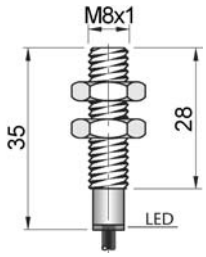
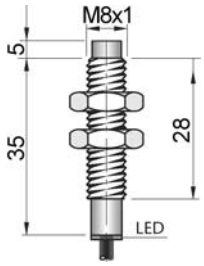
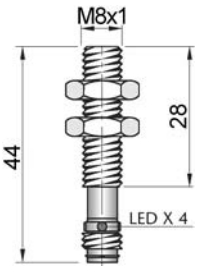
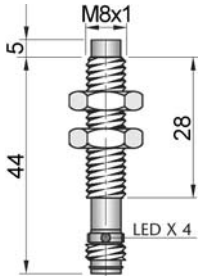
MALE CONNECTOR C
DC 3 wire
1 = brown +
3 = blue -
4 = black output NO-NC*
2 = white output NC

* In the 3 wire sensors with type C connector and NC output the pins 2 & 4 are internally wired together

8 mm Diameter DC 3Wire "Short Series"

FEATURES:

- Stainless steel case
- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- +100° C high temperature version available upon request
- 5 and 10 meter cable lengths available upon request

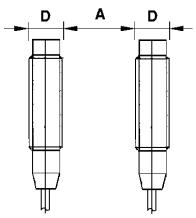
		MODEL			
Output Function	NPN, NO	S3020	S3650	S3024	S3654
	NPN, NC	S3021	S3651	S3025	S3655
	PNP, NO	S3022	S3652	S3026	S3656
	PNP, NC	S3023	S3653	S3027	S3657
Dimensions: mm 1" = 25.4 mm 1 mm = .03937" (not to scale) CE RoHS					
Operating Distance (Sn)		**2mm**	**3 mm**	**2 mm**	**3 mm**
External Diameter		M8 x 1			
Power Supply		6 - 30 Vdc			
Max Switching Current		200 mA			
Power Drain (24Vdc)		< 12 mA			
Voltage Drop		< 1.8			
Short Circuit Protection		Yes			
Operating Frequency		2 kHz			
Repeatability (%Sn)		≤ 3%			
Hysteresis (%Sn)		< 10%			
Case		Stainless Steel			
Flush Mounting		Yes	No	Yes	No
Protection Degree		IP 67			
Operating Temperature		- 25 to +70 °C *			
Output Connection		Cable PVC: L = 2 m		Connector C1	

***** +100° C high temperature version available upon request

MATING CONNECTORS:

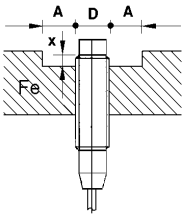
ID#	Type	Description
S3496/2	C	right angle w/ 2 meter cable
S3496	C	right angle w/ 5 meter cable
S3499/2	C	straight w/ 2 meter cable
S3499	C	straight w/ 5 meter cable
030502	C	right angle, terminal screws field wire-able
030503	C	straight, terminal screws field wire-able
S3480	C1	right angle w/ 5 meter cable
S3481	C1	straight w/ 5 meter cable

MOUNTING FOR NON-FLUSH SENSORS:



Side by side mounting

A ≥ 2D



Non flush mounting

A ≥ 2D X ≥ 0mm