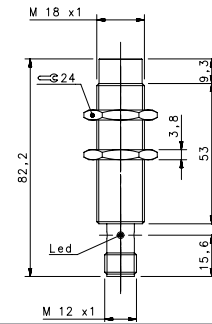
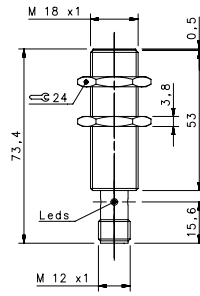


# WELD FIELD IMMUNE



# WELD FIELD IMMUNE M18



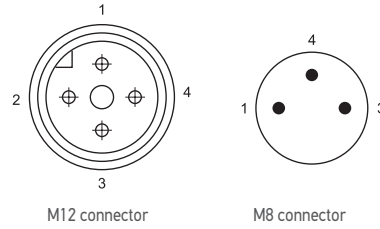
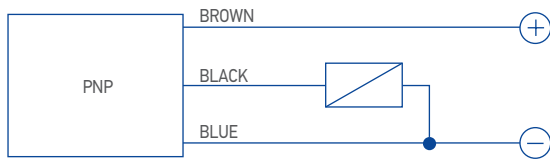
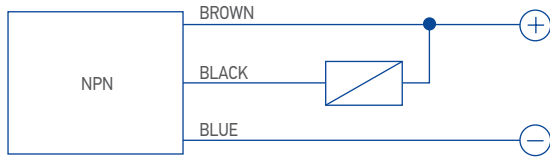
## FIELD IMMUNE STAINLESS STEEL

				FLUSH	NON FLUSH
				M12 conn	M12 conn
<b>NOMINAL SWITCHING DISTANCE</b>				<b>5 mm</b>	<b>8 mm</b>
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-F18-S1-S2 95B065380	IS-F18-T1-S2 95B065390
10-30 Vdc	PNP NC	3 wires	order No.	---	---
10-30 Vdc	NPN NO	3 wires	order No.	---	---
10-30 Vdc	NPN NC	3 wires	order No.	---	---
10-30 Vdc	PNP NO-NC	4 wires	order No.	---	---
10-30 Vdc	NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	NO-NC	2 wires	order No.	---	---
20-250 Vac/Vdc	NO	2 wires	order No.	---	---
20-250 Vac/Vdc	NC	2 wires	order No.	---	---
20-250 Vac	NO	2/3 wires	order No.	---	---
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	---	---
NAMUR amplifier	NAMUR	2 wires	order No.	---	---

<b>Nominal Voltage</b>	10-30 Vdc	10-30 Vdc
<b>Residual Ripple</b>	< 10%	< 10%
<b>Hysteresis</b>	< 15%	< 15%
<b>Max. Output Current</b>	200 mA	200 mA
<b>Min. Output Current</b>	< 10mA	< 10mA
<b>Residual Current</b>	< 0,1 mA	< 0,1 mA
<b>Voltage Drop</b>	< 1,5V	< 1,5V
<b>Operation Led</b>	Present	Present
<b>Switching Frequency</b>	1000 Hz	500 Hz
<b>Start Up Delay</b>	< 0,2 ms	< 0,5 ms
<b>Repeatability</b>	< 1%	< 1%
<b>Short Circuit Protection</b>	Present (self-resetting)	Present (self-resetting)
<b>Electric Protection</b>	Against polarity reversal inductive loads	Against polarity reversal inductive loads
<b>Temperature Limit</b>	(-25 ... +70 °C)	(-25 ... +70 °C)
<b>Protection Degree</b>	IP67	IP67
<b>Cable Length</b>	---	---
<b>Cable Section</b>	---	---
<b>Housing Material</b>	Stainless-Steel	Stainless-Steel
<b>Active face</b>	PTFE	PTFE
<b>Tightening torque</b>	30 Nm	30 Nm
<b>Weight - Cable Output</b>	---	---
<b>Weight - Connector Output</b>	94g	91g

### 3 WIRES SENSORS

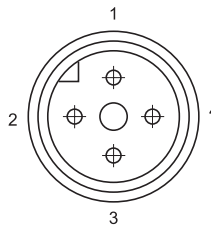
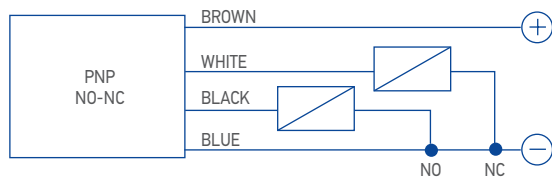
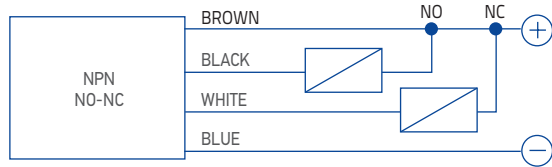
3 Wires Pnp Or Npn, No Or Nc



CONTACTS CONFIGURATION				
Available	Contacts numbers			
	1	2	3	4
(NO or NC)	+		-	NO/NC

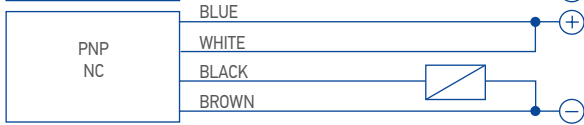
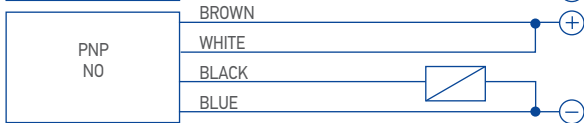
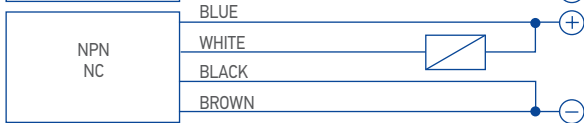
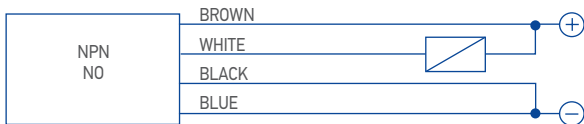
### 4 WIRES SENSORS

4 Wires (No+Nc)



CONTACTS CONFIGURATION				
Output	Contacts numbers			
	1	2	3	4
NO + NC	+	NC	-	NO

4 Wires (Pnp/Npn, No/Nc)



CONTACTS CONFIGURATION				
Output	Contacts numbers			
	1	2	3	4
NPN NO	+	NO	-	-
NPN NC	-	NC	+	-
PNP NO	+	+	-	NO
PNP NC	-	+	+	NC



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