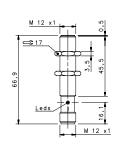
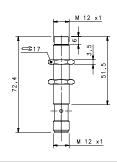
WELD FIELD IMMUNE M12



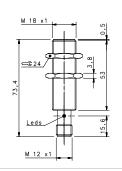


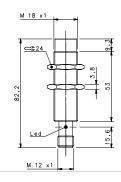


				FIELD IMMUNE STAINLESS STEEL			
				FLUSH	NON FLUSH		
				M12 conn	M12 conn		
NOMINAL SWITCHING DISTANCE				2 mm	4 mm		
10-30 Vdc	PNP/NPN NO-NC	4 wires					
10-30 vac			order No.				
10-30 Vdc 10-30 Vdc	PNP NO PNP NC NPN NO	3 wires 3 wires		IS-F12-S1-S2	IS-F12-T1-S2		
			order No.	95B065360	95B065370		
			order No.				
			order No.				
I 0-30 Vdc	NPN NC PNP	3 wires					
			order No.				
0-30 Vdc							
	NO-NC		order No.				
0-30 Vdc	NPN NO-NC	4 wires	1 1				
	INU-INC		order No.				
10-30 Vdc	NO-NC	2 wires					
			order No.				
20-250 Vac/Vdc	NO NO	2 wires					
			order No.				
20-250 Vac/Vdc	NC	2 wires	1 1				
			order No.				
20-250 Vac	N0	2/3 wires	1 1				
			order No.				
10-30 Vdc	Analog 0-20 mA	3 wires	1 1				
			order No.				
NAMUR amplifier	NAMUR	2 wires	order No.				
			order No.				
Nominal Voltage				10-30 Vdc	10-30 Vdc		
Residual Ripple				< 10%	< 10%		
lysteresis				< 15%	< 15%		
Max. Output Current				200 mA	200 mA		
Min. Output Current				< 10mA	< 10mA		
Residual Current				< 0,1 mA	< 0,1 mA		
/oltage Drop				< 1,5V	< 1,5V		
Operation Led				Present	Present		
Switching Frequenc	v			2000 Hz	1000 Hz		
Start Up Delay	,			< 0,1 ms	< 0,1 ms		
Repeatability				< 1%	< 1%		
Short Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)		
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads		
Tomporature Limit				(-25 +70 °C)			
Temperature Limit				(-25 +70 C) IP67	(-25 +70 °C) IP67		
Protection Degree				IP6/	IP6/		
Cable Length Cable Section							
				 Stainless-Steel	Stainless-Steel		
Housing Material				Stainless-Steet PTFE	Stainless-Steel PTFE		
Active face					10 Nm		
Tightening torque Weight - Cable Output				10 Nm 	10 NM		
Woight - Cable Duen	ıt			=			

WELD FIELD IMMUNE M18







					TAINII EGG STREI	
					STAINLESS STEEL	
				FLUSH	NON FLUSH	
				M12 conn	M12 conn	
NOMINAL SWITCHING DISTANCE				5 mm	8 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires				
			order No.			
10-30 Vdc 10-30 Vdc	PNP NO PNP NC	3 wires	NI -	IS-F18-S1-S2	IS-F18-T1-S2	
			order No.	95B065380	95B065390	
			order No.			
	NPN NO	3 wires	order No.			
0-30 Vdc			order No.			
	NPN NC	3 wires				
0-30 Vdc			order No.			
0.20.1/1-	PNP					
0-30 Vdc	NO-NC	4 wires	order No.			
0-30 Vdc	NPN	Luiros				
U-3U VQC	NO-NC	4 wires	order No.			
0-30 Vdc	NO-NC	2 wires				
0-30 vuc	NU-NC	2 WII es	order No.			
0-250 Vac/Vdc	NO	2 wires				
0-230 Vac/ Vuc	140	2 WIIES	order No.			
0-250 Vac/Vdc	NC	2 wires				
200 140, 140		2 WIICS	order No.			
0-250 Vac	NO	2/3 wires				
			order No.			
0-30 Vdc	Analog 0-20	3 wires				
	mA		order No.			
NAMUR amplifier	NAMUR	2 wires	1 1			
			order No.			
Iominal Voltage				10-30 Vdc	10-30 Vdc	
Pesidual Ripple				10-30 vac < 10%	< 10%	
ysteresis				< 15%	< 15%	
lax. Output Current				200 mA	200 mA	
lin. Output Current				< 10mA	< 10mA	
Pesidual Current				< 0,1 mA	< 0,1 mA	
oltage Drop				< 1,5V	< 1,5V	
peration Led				Present	Present	
witching Frequenc	у			1000 Hz	500 Hz	
tart Up Delay				< 0,2 ms	< 0,5 ms	
Repeatability				< 1%	< 1%	
hort Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)	
lectric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	
Protection Degree				IP67	IP67	
Cable Length						
Cable Section						
lousing Material				Stainless-Steel	Stainless-Steel	
ctive face				PTFE	PTFE	
Tightening torque				30 Nm	30 Nm	
Weight - Cable Output						
Weight - Connector Output				94g	91g	

Nickel-plated Brass housing PA 16 active face Standard length Operating distance 2 ... 10 mm M12, M18, M30 cable or M12 connector 20+250 Vac (50,60 Hz) 2 or 3 wires NO IP67 protection

REDUCTION FACTOR

		ALUMINUM (25°C)	STAINLESS STEEL AISI316L	COPPER	BRASS	
	Average red. Fact.	0,30,45	0,61	0,250,45	0,350,5	



