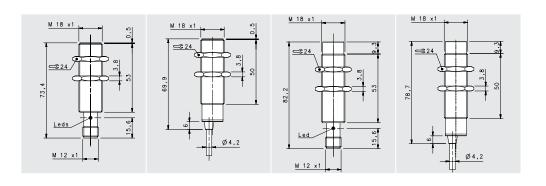
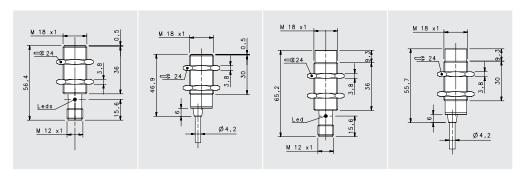
BASIC M18





					JIAIN	DARD	
				FLU	JSH	NON F	FLUSH
				M12 conn	cable	M12 conn	cable
NOMINAL SWITCH	IING DISTAN	CE		5 mm	5 mm	8 mm	8 mm
	PNP/NPN			IS-18-A0-S2	IS-18-A0-03	IS-18-C0-S2	IS-18-C0-03
10-30 Vdc	NO-NC	4 wires	order No.	95B064260	95B064230	95B064280	95B064240
	PNP			IS-18-A1-S2	IS-18-A1-03	IS-18-C1-S2	IS-18-C1-03
10-30 Vdc	NO	3 wires	order No.	95B061351	95B061341	95B061751	95B061741
	PNP	1		IS-18-A2-S2	IS-18-A2-03	IS-18-C2-S2	IS-18-C2-03
10-30 Vdc	NC	3 wires	order No.	95B061371	95B061361	95B061771	95B061761
	NPN			IS-18-A3-S2	IS-18-A3-03	IS-18-C3-S2	IS-18-C3-03
10-30 Vdc	NO	3 wires	order No.	95B061311	95B061301	95B061711	95B061701
10.20111	NPN	<u>.</u>		IS-18-A4-S2	IS-18-A4-03	IS-18-C4-S2	IS-18-C4-03
10-30 Vdc	NC	3 wires	order No.	95B061331	95B061321	95B061731	95B061721
10.2014-	PNP						
10-30 Vdc	NO-NC	4 wires	order No.				
10 20 1/4-	NPN	/iuaa					
10-30 Vdc	NO-NC	4 wires	order No.				
10 20 1/4-	NO NC	2		IS-18-A9-S2	S-18-A9-03	IS-18-C9-S2	IS-18-C9-03
10-30 Vdc	NO-NC	2 wires	order No.	95B063941	95B064300	95B064340	95B064310
20. 250 \/ /\/	NO	2					
20-250 Vac/Vdc	NO	2 wires	order No.				
20. 200 \/ /\/	NC	2					
20-250 Vac/Vdc	NC	2 wires	order No.				
20. 200 \/	NO	2/3wires					
20-250 Vac	NO	2/3 WIFeS	order No.				
10. 20.1/4-	Analog	2					
10-30 Vdc	0-20 mA	3 wires	order No.				
NAMUR amplifier	NAMUR	2 wires					
IVAIVION ampliner	NAMOR	2 WIIES	order No.				
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%	< 10%
Max. Output Currei	nt			200 mA	200 mA	200 mA	200 mA
Min. Output Curre				> 1,6 mA (2wires ver.)			
Residual Current				< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop				< 1,8V; < 6,5 V (2wires ver.)			
Operation Led				Yellow	Yellow	Yellow	Yellow
Switching Frequer	ncv			1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-N
Start Up Delay	-1			< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability				< 3%	< 3%	< 3%	< 3%
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads			
Temperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
Protection Degree				IP67	IP67	IP67	IP67
Cable Length					2 m		2 m
Cable Section					2/3/4 x 0,25 mm²		2/3/4 x 0,25 mm²
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Weight - Cable Out	nut				145g		145g
Weight - Connecto	•			95g		95g	

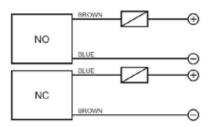


	CH	ORT	
FLU	ISH	NON F	LUSH
M12 conn	cable	M12 conn	cable
5 mm	5 mm	8 mm	8 mm
IS-18-B1-S2	IS-18-B1-03	IS-18-D1-S2	IS-18-D1-03
95B062151	95B062141	95B062551	95B062541
IS-18-B2-S2	IS-18-B2-03	IS-18-D2-S2	IS-18-D2-03
95B062171	95B062161	95B062571	95B062561
IS-18-B3-S2	IS-18-B3-03	IS-18-D3-S2	IS-18-D3-03
95B062111	95B062101	95B062511	95B062501
IS-18-B4-S2	IS-18-B4-03	IS-18-D4-S2	IS-18-D4-03
95B062131	95B062121	95B062531	95B062521
			
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,8 V (I=100mA)			
Yellow	Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads			
(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,25 mm²		3 x 0,25 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
	145g		145g

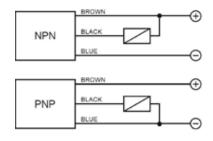
95g

95g

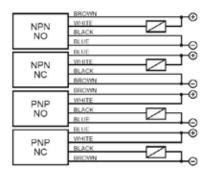
2 wires NO or NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

Ameliania	Contacts numbers				
Available	1	2	3	4	
NO	+		-		
NC	200		+		

3 wires

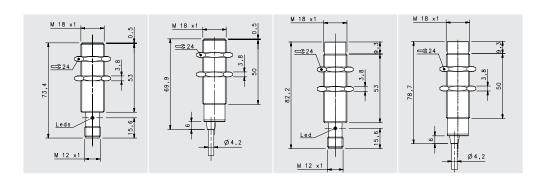
C	ONTACT	S CONFIGU	RATION	
Available		Contacts	numbers	100
Avaracie	-1	2	3	4
(NO or NC)	+		-	NO/NO

4 wires (PNP/NPN, NO/NC)

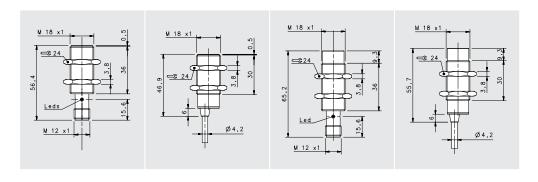
Ordered	Contacts numbers				
Output	-1	2	3	- 4	
VPN NO	+	NO	_	-	
NPN NC	-	. NC	+:	-	
PNP NO	+	+	-	NO	
PNP NC	-	+	+	NC	

BASIC M18

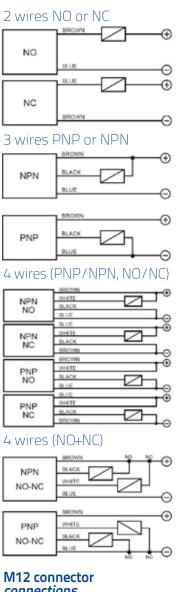




OMINAL SWITCH 10-30 Vdc	ING DISTANO			FLU	ISH	_NON.	TUCH	
10-30 Vdc	T				7311	NON FLUSH		
10-30 Vdc	T			M12 conn	cable	M12 conn	cable	
	PNP/NPN	Œ		8 mm		14 mm		
		4 wires		IS-18-E0-S2	IS-18-E0-03	IS-18-F0-S2	IS-18-F0-03	
10-30 Vdc	NO-NC	- Wiles	order No.	95B067310	95B067270	95B067330	95B067290	
	PNP NO	3 wires	order No.	IS-18-E1-S2 95B067050		IS-18-F1-S2 95B067040		
0.2014	PNP	<u>.</u>						
0-30 Vdc	NC	3 wires	order No.					
0.2014-	NPN	3						
0-30 Vdc	NO	3 wires	order No.					
0. 20.144	NPN	<u>.</u>						
0-30 Vdc	NC	3 wires	order No.					
	PNP							
0-30 Vdc	NO-NC	4 wires	order No.					
0.2014	NPN							
0-30 Vdc	NO-NC	4 wires	order No.					
				IS-18-E9-S2	IS-18-E9-03	IS-18-F9-S2	IS-18-F9-03	
0-30 Vdc	NO-NC	2 wires	order No.	95B067320	95B067280	95B067340	95B067300	
0-250 Vac/Vdc	NO	2 wires	order No.					
	_							
0-250 Vac/Vdc	NC	2 wires	order No.					
	_							
0-250 Vac	NO	2/3 wires	order No.					
	Analog		0.46.1.6.					
0-30 Vdc	0-20 mA	3 wires	order No.					
NAMUR amplifier	NAMUR	2 wires	order No.					
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Residual Ripple		< 10%	< 10%	< 10%	< 10%			
lysteresis				< 10%	< 10%	< 10%	< 10%	
lax. Output Curren	ıt.			200 mA	200 mA	200 mA	200 mA	
Ain. Output Curren							200 IIIA	
esidual Current				< 10 mA	< 10 mA	< 10 mA	< 10 mA	
oltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	
peration Led				Yellow	Yellow	Yellow	Yellow	
witching Frequen	CV			400 Hz	400 Hz	100 Hz	100 Hz	
tart Up Delay	Cy			< 50 ms	< 50 ms	< 50 ms	< 50 ms	
Repeatability				< 3%	< 3%	< 3%	< 3%	
Short Circuit Protec	ction			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	
lectric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversa inductive loads	
annanakona I in ii								
emperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	
rotection Degree				IP67	IP67	IP67	IP67	
able Length								
able Section				Nichal alata dibasas	Nieles I wie te die wegen	Nichal what dhouses	Nieled wieke die ee	
lousing Material	4			Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	
Neight - Cable Outp Neight - Connector				 95g	 95g	145g 	145g 	



	SHOI	RT X2	
FLU	ISH	NON F	LUSH
M12 conn	cable	M12 conn	cable
8 mm	8 mm	14 mm	14 mm
IS-18-G1-S2	IS-18-G1-03	IS-18-H1-S2	IS-18-H1-03
95B063531	95B063521	95B063611	95B063601
IS-18-G2-S2	IS-18-G2-03	IS-18-H2-S2	IS-18-H2-03
95B063551	95B063541	95B063631	95B063621
IS-18-G3-S2	IS-18-G3-03	IS-18-H3-S2	IS-18-H3-03
95B063491	95B063061	95B063571	95B063561
IS-18-G4-S2	IS-18-G4-03	IS-18-H4-S2	IS-18-H4-03
95B063511	95B063501	95B063591	95B063581
IS-18-G5-S2	IS-18-G5-03	IS-18-H5-S2	IS-18-H5-03
95B062731	95B062721	95B062811	95B064220
IS-18-G6-S2	IS-18-G6-03	IS-18-H6-S2	IS-18-H6-03
95B062711	95B064200	95B062791	95B064210
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
> 1,6 mA (2wires ver.)			
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)			
Yellow	Yellow	Yellow	Yellow
400 Hz/100 Hz (4 wires NO-NC)			
< 75 ms	< 75 ms	< 75 ms	< 75 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads			
(-25 +60 °C)	(-25 +70 °C)	(-25 +60 °C)	(-25 +70 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,25 mm²		3 x 0,25 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
	145g		145g
95g		95g	



connections

2 wires NO or NC

C	ONTACTS	CONFIGL	RATION		
distribution.	Contacts numbers				
AVAISMON -	1	2	3	- 4	
NO	+		-		
NC	-		+		

3 wires

C	ONTACTS	CONFIGU	RATION	
B. La Market		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+		-	NONE

4 wires (PNP/NPN, NO/NC)

000	Contacts numbers				
Output	t	2	3	4	
NPN NO	+	NO	- 000	-	
NPN NC	-	NC	+	-	
PNP NO	+	+	-	NO	
PNP.NC	-	+	+	NC	

4 wires (NO+NC)

distribution (Contacts	numbers	
watere	. 1	2	3	4
(NO+NC)	+	NC.		NO