INDUCTIVE AC

Nickel-plated Brass housing
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

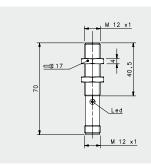


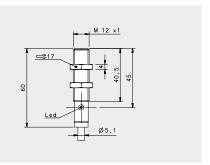
Phone: 800.894.0412 - Fax: 888.723.4773 - Web: www.ctiautomation.net - Email: info@ctiautomation.net



INDUCTIVE AC M12



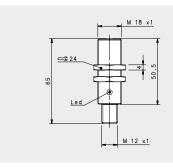


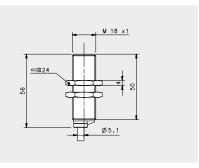


				STANDARD VAC		
				FLUSH		
				M12 conn	cable	
NOMINAL SWITCH	IING DISTAN	CE		2 mm	2 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires				
			order No.	 		
10-30 Vdc	PNP NO	3 wires	order No.	 		
	PNP		order No.			
10-30 Vdc	NC	3 wires	order No.			
10. 20 Vdc	NPN	Zuriros				
10-30 Vdc	NO	3 wires	order No.			
10-30 Vdc	NPN	3 wires				
10 30 vac	NC	5 Wiles	order No.			
10-30 Vdc	PNP NO-NC	4 wires				
		C	order No.			
10-30 Vdc	NPN NO-NC	4 wires	order No.	 		
	NO NC		order No.			
10-30 Vdc	NO-NC	2 wires	order No.			
			order No.			
20-250 Vac/Vdc	NO	2 wires	order No.			
2521/ ///		2 wires	oraci itoi			
20-250 Vac/Vdc	NC		order No.			
20-250 Vac	NO	2/3 wires		IS-12-A15-S2	IS-12-A15-03	
20-250 Vac	INU		order No.	95B060690	95B060680	
10-30 Vdc	Analog	3 wires				
	0-20 mA		order No.			
NAMUR amplifier	NAMUR	2 wires				
- · · · · ·			order No.			
Nominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)	
Residual Ripple				< 10%	< 10%	
Hysteresis				< 10%	< 10%	
Max. Output Curre	nt			500 mA, inrush:1,5A	500 mA, inrush:1,5A	
Min. Output Curre	nt			20 mA	20 mA	
Residual Current				< 0,7 mA	< 0,7 mA	
/oltage Drop				< 4 V (I=100mA)	< 4 V (I=100mA)	
Operation Led				Yellow	Yellow	
Switching Frequer	ncy			25 Hz	25 Hz	
Start Up Delay			< 300 ms	< 300 ms		
Repeatability				5%	5%	
Short Circuit Protection			Present (self-resetting)	Present (self-resetting)		
Electric 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					2 m	
Cable Section					2 x 0,25 mm²	
Housing Material				Nickel-plated brass	Nickel-plated brass	
Weight - Cable Out					145g	
Weight - M12 Conr	nector Output			95g		

INDUCTIVE AC M18



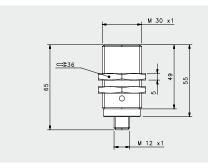


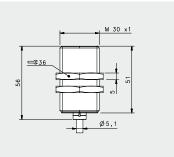


				STANDARD VAC FLUSH		
				M12 conn	cable	
NOMINAL SWITCH	IING DISTANC	Έ		5 mm	5 mm	
10-30 Vdc	PNP/NPN	4 wires				
10-30 vac	NO-NC	4 WIIES	order No.			
10-30 Vdc	PNP NO	3 wires	order No.			
	PNP	3 wires	order No.			
10-30 Vdc	NC		order No.			
10-30 Vdc	NPN	3 wires				
	NO		order No.			
10-30 Vdc	NPN NC	3 wires	order No.			
10.2014-	PNP					
10-30 Vdc	NO-NC	4 wires	order No.			
10-30 Vdc	NPN	4 wires				
	NO-NC		order No.			
10-30 Vdc	NO-NC	2 wires	order No.			
			order No.			
20-250 Vac/Vdc	NO	2 wires	order No.			
		2 wires	order ivo.			
20-250 Vac/Vdc	NC		order No.			
		2/3 wires	oraci itoi	IS-18-A15-S2	IS-18-A15-03	
20-250 Vac	NO		order No.	95B060780	95B060770	
	Analog	3 wires				
10-30 Vdc	0-20 mA		order No.			
NAMID amplifier	NAMUR	Zwiros				
NAMUR amplifier	IVAIVIUR	2 wires	order No.			
Nominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)	
Residual Ripple				< 10%	< 10%	
Hysteresis				< 10%	< 10%	
, Max. Output Currer	nt			500 mA, inrush:1,5A	500 mA, inrush:1,5A	
Min. Output Curre				20 mA	20 mA	
Residual Current				< 0,7 mA	< 0,7 mA	
/oltage Drop				< 4 V (I=100mA)	< 4 V (I=100mA)	
Operation Led				Yellow	Yellow	
witching Frequer	ncy			25 Hz	25 Hz	
Start Up Delay			< 300 ms	< 300 ms		
Repeatability			5%	5%		
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	
Electric 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					2 m	
Cable Section					2 x 0,25 mm²	
Housing Material				Nickel-plated brass	Nickel-plated brass	
Weight - Cable Output					145g	
Weight - M12 Connector Output				95g		

INDUCTIVE AC M30







				STANDARD VAC FLUSH		
				M12 conn	cable	
OMINAL SWITCH	IING DISTANI	CF		10 mm	10 mm	
OMINAL SWITCH						
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.			
	PNP		oraci ivo.			
10-30 Vdc	NO	3 wires	order No.			
10-30 Vdc	PNP NC	2				
10-30 Vac		3 wires	order No.			
0-30 Vdc	NPN NO	3 wires				
0-30 vac		2 MILE2	order No.			
10-30 Vdc	NPN	3 wires				
	NC		order No.			
0-30 Vdc	PNP	4 wires				
	NO-NC		order No.			
0-30 Vdc	NPN NO-NC	4 wires	ordo: Na			
	INO-INC		order No.			
0-30 Vdc	NO-NC	2 wires	order No.			
			order No.			
0-250 Vac/Vdc	dc NO	2 wires	order No.			
	dc NC	2 wires	oraci ivo.			
0-250 Vac/Vdc			order No.			
	NO	2/3wires	oraci itoi	IS-30-A15-S2	IS-30-A15-03	
0-250 Vac			order No.	95B060820	95B060810	
	Analog					
0-30 Vdc	0-20 mA	3 wires	order No.			
IAMIID amalifian	NAMUD					
IAMUR amplifier	NAMUR	2 wires	order No.			
Nominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)	
Residual Ripple				< 10%	< 10%	
lysteresis				< 10%	< 10%	
Nax. Output Currei	nt			500 mA, inrush:1,5A	500 mA, inrush:1,5A	
Min. Output Curre				20 mA	20 mA	
Residual Current				< 0,7 mA	< 0,7 mA	
oltage Drop				< 4 V (I=100mA)	< 4 V (I=100mA)	
peration Led				Yellow	Yellow	
witching Frequer	ncy			25 Hz	25 Hz	
Start Up Delay	•			< 300 ms	< 300 ms	
Repeatability			5%	5%		
Short Circuit Protection			Present (self-resetting)	Present (self-resetting)		
Electric 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					2 m	
Cable Section					2 x 0,25 mm²	
Housing Material				Nickel-plated brass	Nickel-plated brass	
Weight - Cable Output					145g	
Weight - M12 Conr	nector Output			95g		