#### **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	

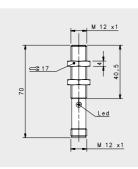
HILLS MUSTABLE OF CLASS.

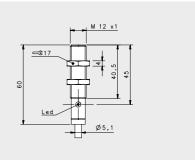




# **INDUCTIVE AC M12**



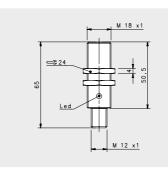


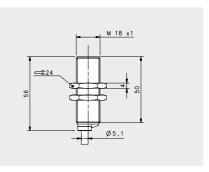


				STANDARD VAC		
				FLUSH		
				M12 conn	cable	
NOMINAL SWITCHING DISTANCE				2 mm	2 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.			
10-30 Vdc	PNP	3 wires	Order No.			
	NO PNP	3 Wiles	order No.	<del></del>	<del></del>	
10-30 Vdc	NC	3 wires	order No.			
10-30 Vdc	NPN NO	3 wires	order No.			
10-30 Vdc	NPN	3 wires				
	NC PNP		order No.		 	
10-30 Vdc	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		IS-12-A15-S2	IS-12-A15-03	
.o 250 tuc		27 J WII C3	order No.	95B060690 	95B060680 	
0-30 Vdc	Analog 0-20 mA	3 wires	order No.			
NAMUR amplifier	NAMUR	2 wires	order No.			
			0.00.1101			
Nominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)	
Residual Ripple				< 10%	< 10%	
lysteresis				< 10%	< 10%	
lax. Output Curre				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)	
peration 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				( 25 170 °C)	IP67	
•				1P0/ 	2 m	
Cable Length						
Cable Section				Ministrated house	2 x 0,25 mm²	
Housing Material				Nickel-plated brass	Nickel-plated brass	
Weight - Cable Output					145g	
Weight - Connecto	r Output			95g		

# **INDUCTIVE AC M18**



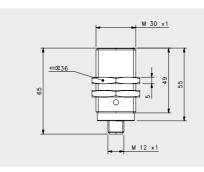


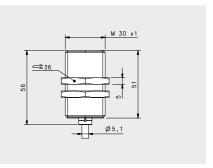


				STANDARD VAC		
				FLUSH		
				M12 conn	cable	
NOMINAL SWITCH	HING DISTANCE	Ē		5 mm	5 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.			
	DNID		order No.			
10-30 Vdc	NO	3 wires	order No.			
10-30 Vdc	PNP NC	3 wires	order No.			
10-30 Vdc	NPN NO	3 wires				
10-30 Vdc	NPN	3 wires	order No.			
10-30 vac	NC	2 MILE2	order No.			
10-30 Vdc	PNP NO-NC	4 wires	order No.			
10-30 Vdc	NPN	4 wires				
10-30 Vac	NO-NC	4 WIIES	order No.			
10-30 Vdc	NO-NC	2 wires	order No.	<del></del>		
			order No.	<del></del>		
20-250 Vac/Vdc	NO	2 wires	order No.			
20-250 Vac/Vdc	NC	2 wires				
	IVC	2 WIIES	order No.			
20-250 Vac	NO	2/3 wires	order No.	IS-18-A15-S2 95B060780	IS-18-A15-03 95B060770	
	Analog	3 wires	order No.			
10-30 Vdc	0-20 mA		order No.			
NAMUR amplifier	NAMUR	2 wires				
VAIVION amplifier	IVAIVIOR	Z WIIES	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 Current				500 mA, inrush:1,5A	500 mA, inrush:1,5A	
/lin. Output Curre	ent			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	
Switching Frequency			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				Nicker-placed brass	Nickei-plated blass 145g	
Weight - Connector Output				 95g	145g	

### **INDUCTIVE AC M30**







				STANDARD VAC		
				FLUSH		
				M12 conn	cable	
IOMINAL SWITCH	ING DISTANC	CE		10 mm	10 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.			
10-30 Vdc	PNP NO	3 wires	order No.			
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				
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.	IS-30-A15-S2 95B060820	IS-30-A15-03 95B060810	
10-30 Vdc	Analog 0-20 mA	3 wires				
NAMUR amplifier	NAMUR	2 wires	order No.		  	
			order No.			
Nominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)	
Residual Ripple Hysteresis				< 10% < 10%	< 10% < 10%	
лузсетезіз Лах. 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	
Voltage Drop				< 4 V (I=100mA)	< 4 V (I=100mA)	
peration Led				Yellow	Yellow	
Switching Frequency			25 Hz	25 Hz		
tart Up Delay	- /			< 300 ms	< 300 ms	
Repeatability			5%	5%		
hort 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 - Connector Output				95g	1+56	