

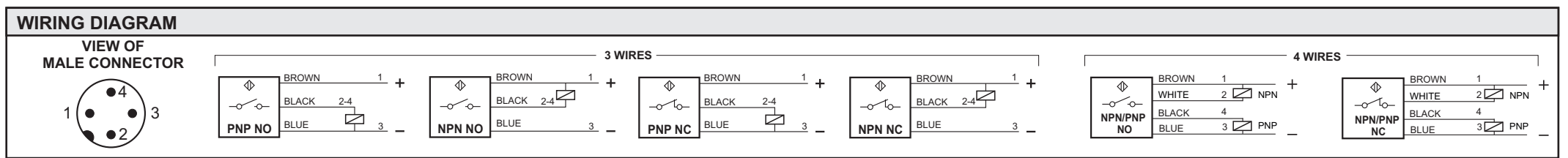
METAL FACE INDUCTIVE SENSORS SMF12-C3 ■ ■ ■ series

- METALLIC CYLINDRICAL HOUSING M12x1
- AMPLIFIED 3 or 4 WIRES D.C.
- OUTPUT FUNCTION NO or NC
- OUTPUT TYPE NPN, PNP o NPN/PNP

- IN CONFORMITY WITH: - PRODUCT NORM EN60947-5-2
- ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2004/108 CE



EMBEDDABLE						
* = on demand						
		Dimensions mm		Dimensions mm		
AMPLIFIED 3 Wires D.C.	NPN	NO	SMF12-C3 NPN NO (*)	-	SMF12-C3 NPN NO H	-
		NC	SMF12-C3 NPN NC (*)	-	SMF12-C3 NPN NC H	-
	PNP	NO	SMF12-C3 PNP NO (*)	-	SMF12-C3 PNP NO H	-
		NC	SMF12-C3 PNP NC (*)	-	SMF12-C3 PNP NC H	-
AMPLIFIED 4 Wires D.C.	NPN/PNP	NO	-	SMF12-C3 NPN/PNP NO	-	SMF12-C3 NPN/PNP NO H (*)
		NC	-	SMF12-C3 NPN/PNP NC	-	SMF12-C3 NPN/PNP NC H (*)
Switching distance (Sn)	mm			3		
Continuous voltage (res. ripple ≤ 10%)	V			10 ÷ 30		
Hysteresis (%Sn)				< 20%		
Switching frequency	Hz			50		
Repeatability (at constant temperature)				≤ 1		
Max. output current	mA			200		
Min. output current	mA			≤ 2		
Voltage drop (output ON)	V			< 1.8		
Short circuit protection				Incorporated		
Led				Incorporated		
Operating temperature range	°C			-25 ÷ +70		
IP rating	IP			IP69K		
Housing				AISI 316L		
PVC Cable	2mt	3x0,25 mm ²		4x0,25 mm ²		-
Connection with connector						H



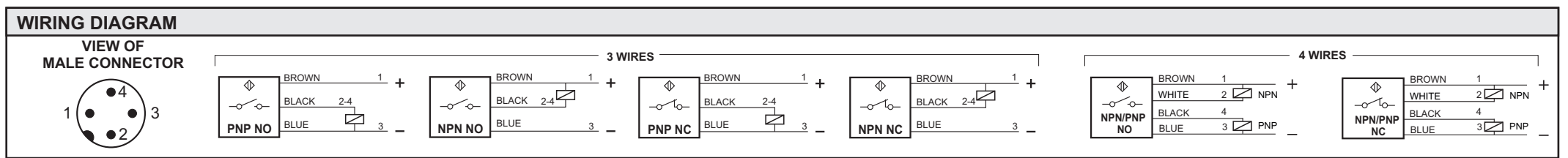
METAL FACE INDUCTIVE SENSORS SMF18-C5 ■ ■ ■ series

- METALLIC CYLINDRICAL HOUSING M18x1
- AMPLIFIED 3 or 4 WIRES D.C.
- OUTPUT FUNCTION NO or NC
- OUTPUT TYPE NPN, PNP o NPN/PNP

- IN CONFORMITY WITH: - PRODUCT NORM EN60947-5-2
- ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2004/108 CE



EMBEDDABLE						
* = on demand		<p>Dimensions mm</p>			<p>Dimensions mm</p>	
		TECHNICAL CHARACTERISTICS				
AMPLIFIED 3 Wires D.C.	NPN	NO	SMF18-C5 NPN NO (*)	-	SMF18-C5 NPN NO H	-
		NC	SMF18-C5 NPN NC (*)	-	SMF18-C5 NPN NC H	-
	PNP	NO	SMF18-C5 PNP NO (*)	-	SMF18-C5 PNP NO H	-
		NC	SMF18-C5 PNP NC (*)	-	SMF18-C5 PNP NC H	-
AMPLIFIED 4 Wires D.C.	NPN/PNP	NO	-	SMF18-C5 NPN/PNP NO	-	SMF18-C5 NPN/PNP NO H (*)
		NC	-	SMF18-C5 NPN/PNP NC	-	SMF18-C5 NPN/PNP NC H (*)
Switching distance (Sn)	mm	5				
Continuous voltage (res. ripple ≤ 10%)	V	10 ÷ 30				
Hysteresis (%Sn)		< 20%				
Switching frequency	Hz	50				
Repeatability (at constant temperature)		≤ 1				
Max. output current	mA	200				
Min. output current	mA	≤ 2				
Voltage drop (output ON)	V	< 1.8				
Short circuit protection		Incorporated				
Led		Incorporated				
Operating temperature range	°C	-25 ÷ +70				
IP rating	IP	IP69K				
Housing		AISI 316L				
PVC Cable	2mt	3x0,25 mm ²	4x0,25 mm ²			-
Connection with connector						H



METAL FACE INDUCTIVE SENSORS SMF30-C10 ■ ■ ■ series

- METALLIC CYLINDRICAL HOUSING M30x1.5
- AMPLIFIED 3 or 4 WIRES D.C.
- OUTPUT FUNCTION NO or NC
- OUTPUT TYPE NPN, PNP o NPN/PNP

- IN CONFORMITY WITH: - PRODUCT NORM EN60947-5-2
- ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2004/108 CE



EMBEDDABLE		* = on demand				
TECHNICAL CHARACTERISTICS		Dimensions mm				
AMPLIFIED 3 Wires D.C.	NPN	NO	SMF30-C10 NPN NO (*)	-	SMF30-C10 NPN NO H	-
		NC	SMF30-C10 NPN NC (*)	-	SMF30-C10 NPN NC H	-
	PNP	NO	SMF30-C10 PNP NO (*)	-	SMF30-C10 PNP NO H	-
		NC	SMF30-C10 PNP NC (*)	-	SMF30-C10 PNP NC H	-
AMPLIFIED 4 Wires D.C.	NPN/PNP	NO	-	SMF30-C10 NPN/PNP NO	-	SMF30-C10 NPN/PNP NO H (*)
		NC	-	SMF30-C10 NPN/PNP NC	-	SMF30-C10 NPN/PNP NC H (*)
Switching distance (Sn)	mm			10		
Continuous voltage (res. ripple ≤ 10%)	V			10 ÷ 30		
Hysteresis (%Sn)				< 20%		
Switching frequency	Hz			50		
Repeatability (at constant temperature)				≤ 1		
Max. output current	mA			200		
Min. output current	mA			≤ 2		
Voltage drop (output ON)	V			< 1.8		
Short circuit protection				Incorporated		
Led				Incorporated		
Operating temperature range	°C			-25 ÷ +70		
IP rating	IP			IP69K		
Housing				AISI 316L		
PVC Cable	2mt	3x0,25 mm ²		4x0,25 mm ²	-	
Connection with connector					H	

