

- 4 WIRES D.C. - VERSION-C
- 2 WIRES D.C. - VERSION-B
- 2 WIRES A.C. - VERSION-A



■ STANDARD SWITCHING DISTANCE

▲ EMBEDDABLE (FLUSH MOUNTING)

★ EXTENDED SWITCHING DISTANCE

● NOT EMBEDDABLE (NON FLUSH MOUNTING)

TECHNICAL CHARACTERISTICS			4 WIRES D.C. - VERSION-C		2 WIRES D.C. - VERSION-B		2 WIRES A.C. - VERSION-A	
Dimension (mm.)								
AMPLIFIED 4 WIRES D.C. ANTIPHASE	NPN	NO+NC	SIQ80 - CE50 NPN NO + NC SIP000112	SIQ80 - CE50 NPN NO + NC K SIP000113				
	PNP	NO+NC	SIQ80 - CE50 PNP NO + NC SIP000114	SIQ80 - CE50 PNP NO + NC K SIP000116				
AMPLIFIED 2 WIRES D.C.	NO				SIQ80 - BE50 NO/NC SIP000457 PROGRAMMABLE	SIQ80 - BE50 NO/NC K SIP000456 PROGRAMMABLE		
	NC							
AMPLIFIED 2 WIRES A.C.	NO						SIQ80 - AE50 NO SIP000106	SIQ80 - AE50 NO/NC K SIP000108 PROGRAMMABLE
	NC						SIQ80 - AE50 NC SIP000107	
Switching distance Sn	mm		10 - 60		10 - 60		10 - 60	
Continuous voltage (residual ripple ≤10%)	V		10 - 55		10 - 55		-	
Alternating voltage 50-60 Hz	V		-		-		20 - 250	
Hysteresis	% Sn		< 10 (Sn = 50 mm)		< 10 (Sn = 50 mm)		< 10 (Sn = 50 mm)	
Switching frequency	Hz		50		50		12	
Repeatability	% Sn		≤ 3		≤ 3		≤ 3	
Max output current	mA		200		100		300	
Min output current	mA		-		1.5		5	
Max. peak current for 20 ms	A		-		-		1.5	
Absorption at 24Vdc	mA		< 10		-		-	
Residual current	mA		-		< 0,6		< 1	
Voltage drop (sensor ON)	V		< 1.8		< 6.5		< 6	
Short circuit protection			Incorporated		Incorporated		-	
Led			Incorporated		Incorporated		Incorporated	
Temperature limits	°C		- 25 to + 70		- 25 to + 70		- 25 to + 70	
IP rating	IP		67	65	67	65	67	65
Housing			Red Plastic		Red Plastic		Blu Plastic	
PVC Cable	2m		4 x 0.25 mm ²	-	2 x 0.50 mm ²	-	2 x 0.50 mm ²	-
Connector plug			-	K (mod. 12)	-	K (mod. 12)	-	K (mod. 12)
Wiring diagrams			Version N		Version N		Version N	