

SANDOR PLUS SMA	SANDOR PLUS	SANDOR DUAL-QUAD-ESA SMA SMA	SANDOR DUAL-QUAD-ESA	MANA IR SMA	MANA IR
400 m		400 m	300 m	650 m	
100 m		100 m	80 m	250 m	
SMA	STD	SMA	STD	SMA	STD
wired or optical	wired	optical 4 channels	optical	wired or optical	wired
YES					
Pulsed 950nm beams					
2-3-4TX + 2-3-4RX				2-3-4TX + 2-3-4RX	
parallel or crossed	parallel	parallel or crossed	crossed	parallel or crossed	parallel
No limit with parallel configuration, with crossed configuration 4 ÷ 8m depending of n. of beams and height	no limit	No limit with parallel configuration, with crossed configuration 4 ÷ 8m depending of n. of beams and height	4 ÷ 8m depending of n. of beams and height	No limit with parallel configuration, with crossed configuration 4 ÷ 8m depending of n. of beams and height	no limit
OR - AND RANDOM - AND 1° and 2° beam		OR - AND RANDOM		OR - AND RANDOM - AND 1° and 2° beam	
1° or 1° and 2° beam		NO		1° or 1° and 2° beam	
YES	YES	NO		YES	YES
10-30 Vdc	13,8 Vdc	10-30 Vdc	13,8 Vdc	230Vac	230Vac
135÷150 mA depending on n of beams				135÷150 mA depending on n of beams	
10÷30 Vac - Vdc	24 Vac	10÷30 Vac - Vdc	24 Vac		
30÷50 W depending on n. of beams				80÷120 W depending on n. of beams	
-25° ÷ +70° C		-25° ÷ +70° C		-25° ÷ +70° C	
Free contact relay NC/NO		Free contact relay NC/NO		Free contact relay NC/NO	
coloumn opening		coloumn opening		Opening coloumn cap and front polycarbonate	
Yes with dedicated OC		Yes with dedicated OC	NO	Yes with dedicated OC	
Yes with dedicated OC				Yes with dedicated OC	
YES	NO	NO	NO	YES	NO
IP65		IP65		IP54	
60 mm x 60 mm 500 ÷ 4000 mm		60 mm x 60 mm 500 ÷ 4000 mm		250 mm x 200 mm, 1000 ÷ 4000 mm	