







Ultrasonic

M18 with Teach-in button

		UK1A	UK1C	UK1D	UK1F
					
		New models NPN & cable	New models NPN & cable	New models NPN & cable	New models NPN & cable
dimensions		M18	M18	M18	M18
direct diffuse		50...400 mm	100...900 mm	150...1,600 mm	200...2,200 mm
retroreflective		—	—	—	—
through beam		—	—	—	—
power supply	Vdc	●	●	●	●
	Vac	—	—	—	—
output type	PNP - NO e NC	—	—	—	—
	NPN - NO e NC	—	—	—	—
	2 x PNP with hysteresis function	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	2 x NPN with hysteresis function	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	PNP - NO / NC	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	NPN - NO / NC	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	0...10 V	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	4...20 mA	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	2 x PNP - NO / NC	Teach-in button	Teach-in button	Teach-in button	Teach-in button
	2 x NPN - NO / NC	Teach-in button	Teach-in button	Teach-in button	Teach-in button
1 x PNP - NO / NC + 1x 0...10 V	Teach-in button	Teach-in button	Teach-in button	Teach-in button	
1 x NPN - NO / NC + 1x 0...10 V	Teach-in button	Teach-in button	Teach-in button	Teach-in button	
1 x PNP - NO / NC + 4...20 mA	Teach-in button	Teach-in button	Teach-in button	Teach-in button	
1 x NPN - NO / NC + 4...20 mA	Teach-in button	Teach-in button	Teach-in button	Teach-in button	
temperature range		-20°C...+60°C	-20°C...+60°C	-20°C...+70°C (-20°C...+60°C cULus models)	-20°C...+70°C (-20°C...+60°C cULus models)
protection degree		IP67	IP67	IP67	IP67
housing material		PBT	PBT	PBT	PBT
front-end material		epoxy glass resin	epoxy glass resin	epoxy glass resin	epoxy glass resin
output	cable	●	●	●	●
	M12 plug	●	●	●	●
	M12 pig-tail	—	—	—	—
ATEX		II3GD (only PNP with plug exit)	II3GD (only PNP with plug exit)	II3GD (only PNP with plug exit)	II3GD (only PNP with plug exit)
other certifications					

M18 short housing

UK6A

New analogue and cable models

New reduced blind zone



UK6C

New analogue and cable models



M18 - short housing

M18 - short housing

35...300 mm

120...900 mm

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Teach-in cable

Teach-in cable

Teach-in cable

Teach-in cable

Teach-in cable

Teach-in cable

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-20°C...+60°C

-20°C...+60°C

IP67

IP67

PBT

PBT

epoxy glass resin

epoxy glass resin

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