

Ultrasonic 2 point proximity switch with Teach-in

Scanning range Sd	350...2500 mm	350...2500 mm
Special characteristics	<ul style="list-style-type: none"> • Two separate outputs • Long sensing distance 	<ul style="list-style-type: none"> • Two separate outputs • Long sensing distance
		
PNP make function (NO)	UZAM 50P6121/S14	UZAM 50P6121
PNP break function (NC)	on request	on request
NPN make function (NO)	on request	on request
NPN break function (NC)	on request	on request
technical data		
scanning range Sd	350...Sde	350...Sde
scanning range far limit Sde (Teach-in)	400...2500 mm	400...2500 mm
sonic beam angle	8°	8°
sonic frequency	120 kHz	120 kHz
hysteresis	4% Sde	4% Sde
voltage supply range	12 - 30 VDC	12 - 30 VDC
residual ripple	< 10% Vs	< 10% Vs
supply current	< 35 mA	< 35 mA
max. switching current	200 mA	200 mA
voltage drop	≤ 2 VDC	≤ 2 VDC
short circuit protection	yes	yes
reverse polarity protection	yes	yes
response time ton/toff	≤ 160 ms	≤ 160 ms
repeatability	≤ 1 mm	≤ 1 mm
temperature drift	≤ 2% Sde	≤ 2% Sde
temperature range	0...+60 °C	0...+60 °C
housing material	brass nickel plated	brass nickel plated
protection class	IP 67	IP 67
switching state indication Sde1 / Sde2	green / red LED	green / red LED
adjustment aid	pulsed switching state indication	pulsed switching state indication
connector options	ES 14, ES 33A, ES 34A	-
synch./ext. teach/analog output	on request	on request

