



Ultrasonic 2 point proximity switch with Teach-in

Scanning range Sd	100...700 mm	100...700 mm
Special characteristics	<ul style="list-style-type: none"> • Two separate outputs • Multiplex version 	<ul style="list-style-type: none"> • Two separate outputs • Multiplex version
The ultrasonic proximity sensors with 2 switching points have an additional electronic circuit, which allows the user to freely select two independent switching points along the output curve.		
PNP make function (NO)	UZAM 30P6803/S14C	UZAM 30P6803
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	100...Sde	100...Sde
scanning range far limit Sde (Teach-in)	110...700 mm	110...700 mm
sonic beam angle	10°	10°
sonic frequency	230 kHz	230 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 t_{on}/t_{off}	≤ 40 ms	≤ 40 ms
repeatability	≤ 0,5 mm	≤ 0,5 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 33C, ES 34C	-
synch./ext. teach/analog output	on request	-
