

Ultrasonic 2 point proximity switch with Teach-in

Scanning range Sd	30...150 mm	60...300 mm
Special characteristics	<ul style="list-style-type: none"> • Two separate outputs • Small blind region 	<ul style="list-style-type: none"> • Two separate outputs
		
PNP make function (NO)	UZDK 30P6113/S14	UZDK 30P6112/S14
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	30...Sde	60...Sde
scanning range far limit Sde (Teach-in)	45...150 mm	80...300 mm
sonic beam angle	8°	8°
sonic frequency	300 kHz	400 kHz
hysteresis	5% 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	≤ 20 ms	≤ 30 ms
repeatability	≤ 0,5 mm	≤ 0,5 mm
temperature drift	≤ 2% Sde	≤ 2% Sde
temperature range	0...+60 °C	0...+60 °C
housing material	polyester	polyester
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	ES 14, ES 33A, ES 34A
synch./ext. teach/analog output	on request	on request

