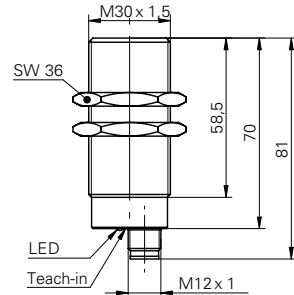


Ultrasonic proximity sensors

UZAM 30

sample drawing



general data

special type	2 point proximity switch
scanning range sd	100 ... 1000 mm
scanning range far limit Sde	100 ... 1000 mm
hysteresis typ.	4 % Sde
repeat accuracy	< 0,5 mm
temperature drift	< 2 % Sde
adjustment	Teach-in
response time ton	< 40 ms
release time toff	< 40 ms
alignment aid	target indication flashing
sonic frequency	240 kHz
output indicator	green / yellow LED

electrical data

voltage supply range +Vs	12 ... 30 VDC
current consumption max.	35 mA
output current	< 200 mA
voltage drop Vd	< 2 VDC
residual ripple	< 10 % Vs
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical
housing material	brass nickel plated
width / diameter	30 mm
height / length	70 mm

ambient conditions

operating temperature	-10 ... +60 °C
protection class	IP 67

sample picture



Ultrasonic proximity sensors

UZAM 30

order reference	version	output circuit	connection types
UZAM 30N6103/S14	standard	NPN make function (NO)	connector M12
UZAM 30P6103	standard	PNP make function (NO)	cable, 2 m
UZAM 30P6103/S14	standard	PNP make function (NO)	connector M12
UZAM 30P6803	multiplex version	PNP make function (NO)	cable, 2 m
UZAM 30P6803/S14C	multiplex version	PNP make function (NO)	connector M12