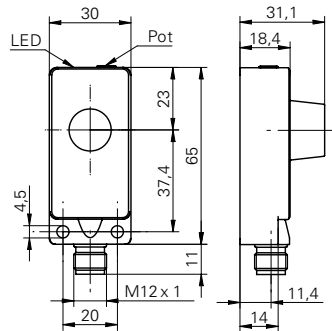


Ultrasonic proximity sensors

UNDK 30N1703/S14

dimension drawing



general data

sensing range sd	100 ... 1000 mm
scanning range far limit Sde	100 ... 1000 mm
hysteresis typ.	4 % Sde
repeatability	< 0,5 mm
synchronization	yes
multiplex version	on request
temperature drift	< 0,1 % Sde/K
adjustment	potentiometer
response time ton (sync on)	< 50 ms
release time toff (sync on)	< 50 ms
alignment aid	target display flashing
sonic frequency	240 kHz
output indicator	LED green

electrical data

voltage supply range +Vs	12 ... 30 VDC
current consumption max.	35 mA
output circuit	NPN make function (NO)
output current	< 200 mA
voltage drop Vd	< 2 VDC
residual ripple	< 10 % Vs
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	rectangular
housing material	polyester / die-cast zinc
width / diameter	30 mm
height / length	65 mm
depth	31 mm
connection types	connector M12

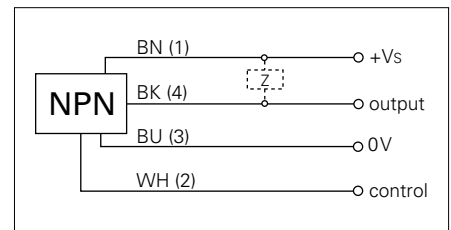
ambient conditions

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

photo



connection diagram



- with synchronization output