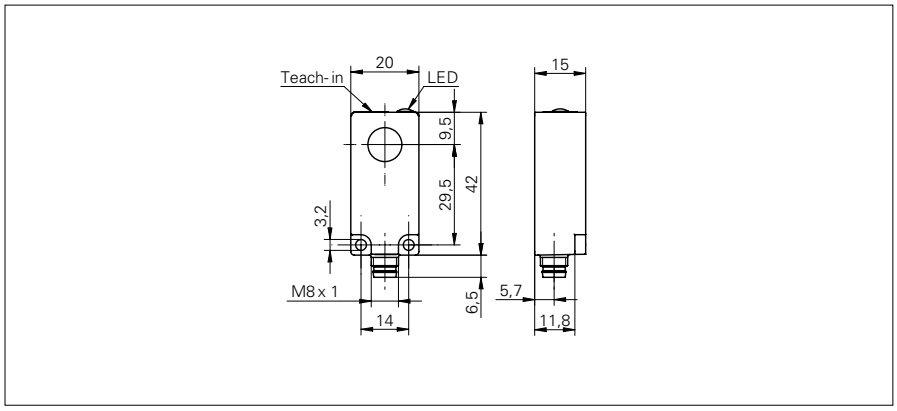
Ultrasonic proximity sensors

UNDK 20P6912/S35A

dimension drawing



general data	
scanning range sd	40 ... 400 mm
scanning range far limit Sde	60 ... 400 mm
hysteresis typ.	4 % Sde
repeat accuracy	< 0,5 mm
temperature drift	< 0,18 % Sde/K
response time ton	< 25 ms
release time toff	< 25 ms
sonic frequency	290 kHz
adjustment	Teach-in
alignment aid	target indication flashing
output indicator	LED green

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

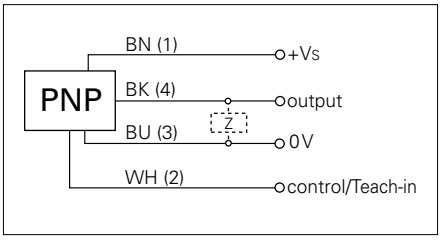
mechanical data	
type	rectangular
housing material	polyester
width / diameter	20 mm
height / length	42 mm
depth	15 mm
connection types	connector M8

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

photo



connection diagram



- internal and external Teach-in
- compact housing