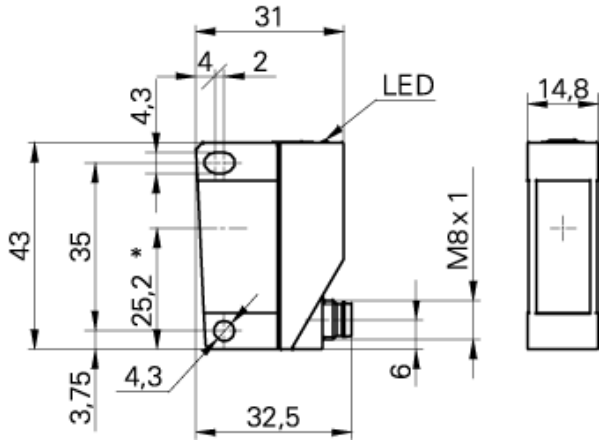
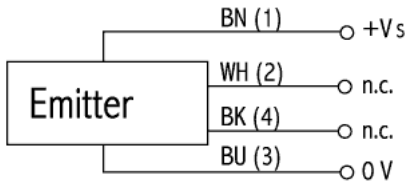
Through beam laser sensors (Emitter)

OSDK 14D9001/S35A



* emitter and receiver axis 25,2 mm

Technical Data	
polarization filter	-
function	through beam laser sensor
emitter / receiver	emitter
output	-
output state	-
housing style	rectangular
width /diameter	14,8 mm
height	43 mm
depth	31 mm
housing material	plastic (PBT-ASA)
connection	connector
nominal range Sn	0 - 10 m
actual range Sb	0 - 8 m
beam focal point	parallel beam
repeatability	-
output indicator	-
alignment aid / soiled lens indicator	-
wave length	670 nm
light source	pulsed red laser diode
laser class (norm)	1 (IEC 60825-1/2001)
voltage supply range +Vs	10 - 30 VDC
supply current average/peak value	40 / 50 mA
switching current	-
voltage drop	-
response time / release time	-
automatic adjustment time	-
min. pulse length teach signal	-
sensitivity adjustable	-
short circuit protection	-
reverse polarity protection	yes
temperature range	+10 ... +50 °C
protection class	IP 67
connectors	ES 8A, ES 9A, ESW 31A, ESG 32A

photo

connection diagram