

Tw = 50 ... 400 mm

- hygiene design
- IO-Link
- remote Teach-in

**general data**

type	background suppression
special type	Hygiene design
light source	pulsed red LED
sensing distance Tw	50 ... 400 mm
sensing range Tb (at Tw max.)	20 ... 400 mm
sensing range Tb (at Tw min.)	20 ... 50 mm
power on indication	LED green
output indicator	LED red
wave length	660 nm
approvals/certificates	Ecolab EHEDG

**electrical data**

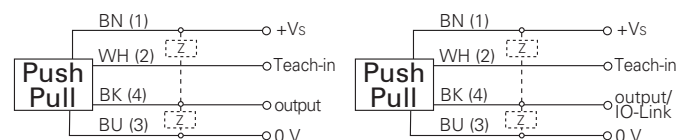
response time / release time	< 1,8 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	40 mA
current consumption typ.	35 mA
voltage drop Vd	< 2 VDC
output function	light / dark operate
output circuit	push-pull
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

**mechanical data**

width / diameter	19,6 mm
height / length	52,2 mm
depth	34,3 mm
type	rectangular
housing material	stainless steel 1.4404 (V4A); LSR
front (optics)	PMMA

**ambient conditions**

operating temperature	-30 ... +60 °C
protection class	IP 68/69K & proTect+
storage temperature	-30 ... +70 °C

**connection diagrams****connectors**

ESG 34AF0200	4 pin	2 m straight
ESW 33AF0200	4 pin	2 m angular

additional cable connectors and field wireable connectors, see accessories

**accessories**

mounting	ø 17 mm	HI17-1H
----------	---------	---------

for details, see accessories section

**remarks**

Sensor FDA compliant, EHEDG certified and Ecolab approved  
 IO-Link: output signal, service status, object presence  
 sensitivity adjustable: via Teach-in wire input  
 LSR = Liquid Silicon Rubber

order reference	connection types	sensing distance adjustment
FHDH 14G6901	cable 4 pin, 2 m	Teach-in
FHDH 14G6901/IO	cable 4 pin, 2 m	Teach-in and IO-Link
FHDH 14G6901/KS34A	flylead connector M12, L=300 mm	Teach-in
FHDH 14G6901/KS34A/IO	flylead connector M12, L=300 mm	Teach-in and IO-Link