

article-no.

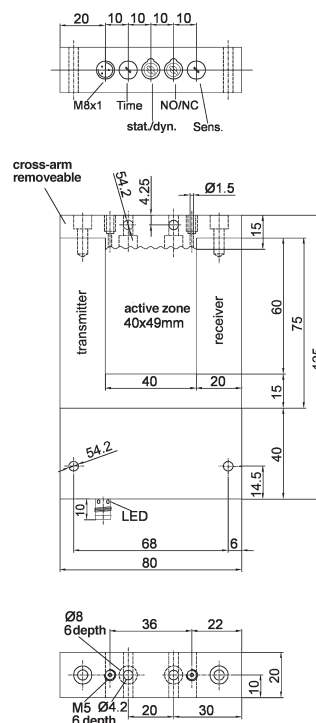
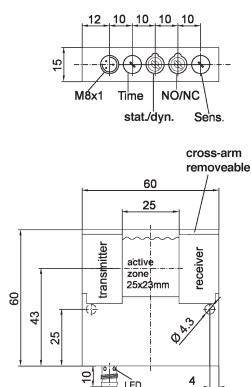
OH250370

OH400370

active zone

25x23mm

40x49mm



TECHNICAL DATA

active zone	25x23mm	40x49mm
resolution	dynamic \varnothing 0.7mm / static \varnothing 1mm	dynamic \varnothing 0.7mm / static \varnothing 1mm
output signal	pnp, no/nc	pnp, no/nc
operating voltage	10 ... 35V DC	18 ... 35V DC
current consumption (w/o load)	\leq 25mA	\leq 30mA
output current (max. load)	200mA	200mA
voltage drop (max. load)	2.0V DC	2.5V DC
transmitting element (pulsed)	LED, infrared light	LED, infrared light
wavelength	880nm	880nm
response/decay time	0.1ms / 0.1 ... 150ms	0.1ms / 0.1 ... 150ms
display (signal)	yellow LED	yellow LED
sensitivity adjustment	potentiometer	potentiometer
time adjustment	potentiometer 0.1 ... 150ms	potentiometer 0.1 ... 150ms
adjustment	change-over switch stat./dyn. and no/nc	change-over switch stat./dyn. and no/nc
short-circuit protection	+	+
reverse polarity protection	+	+
dimensions	60x60x15mm	125x80x20mm
housing material	aluminum	aluminum
lens material	plastic PMMA	plastic PMMA
operating temperature	0 ... +60°C	0 ... +60°C
degree of protection (EN 60529)	IP67	IP67
connection	M8-connector, 3-pin	M8-connector, 3-pin
connection accessories	e.g. VK200071	e.g. VK200071

article-no.	OH700370	OHK00370
active zone	70x62mm	100x92mm
TECHNICAL DATA		
active zone	70x62mm	100x92mm
resolution	dynamic \varnothing 1.5mm / static \varnothing 2.0mm	dynamic \varnothing 2.5mm / static \varnothing 3.0mm
output signal	pnp, no/nc	pnp, no/nc
operating voltage	18 ... 35V DC	18 ... 35V DC
current consumption (w/o load)	\leq 30mA	\leq 35mA
output current (max. load)	200mA	200mA
voltage drop (max. load)	2.5V DC	2.5V DC
transmitting element (pulsed)	LED, infrared light	LED, infrared light
wavelength	880nm	880nm
response/decay time	0.1ms / 0.1 ... 150ms	0.1ms / 0.1 ... 150ms
display (signal)	yellow LED	yellow LED
sensitivity adjustment	potentiometer	potentiometer
time adjustment	potentiometer 0.1 ... 150ms	potentiometer 0.1 ... 150ms
adjustment	change-over switch stat./dyn. and no/nc	change-over switch stat./dyn. and no/nc
short-circuit protection	+	+
reverse polarity protection	+	+
dimensions	123x110x20mm	153x140x20mm
housing material	aluminum	aluminum
lens material	plastic PMMA	plastic PMMA
operating temperature	0 ... +60°C	0 ... +60°C
degree of protection (EN 60529)	IP67	IP67
connection	M8-connector, 3-pin	M8-connector, 3-pin
connection accessories	e.g. VK200071	e.g. VK200071



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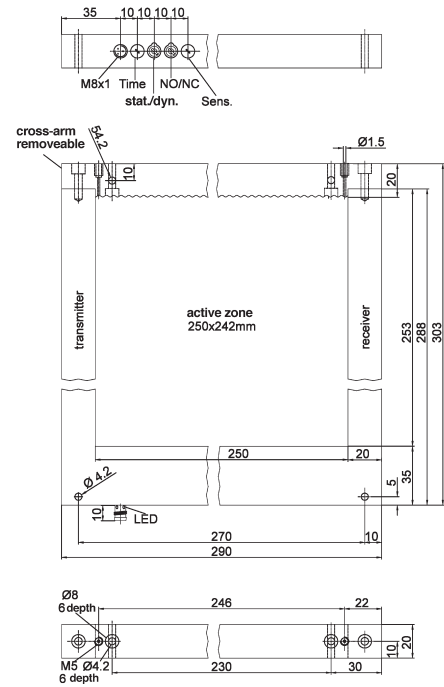
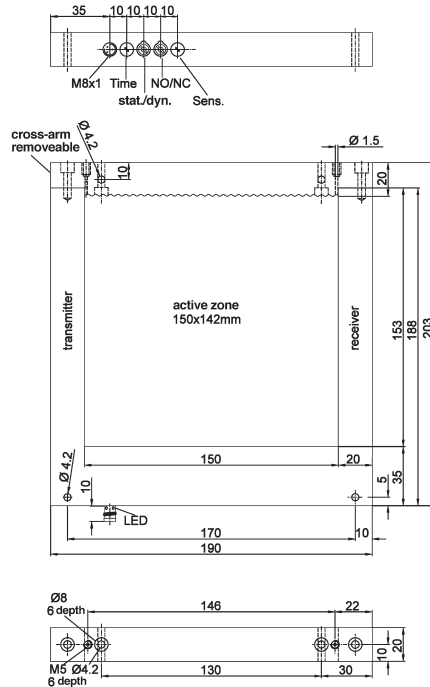
OHKE0370

OHLE0370

active zone

150x142mm

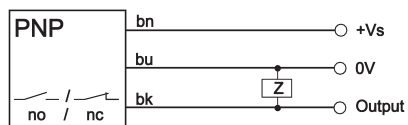
250x242mm



TECHNICAL DATA

active zone	150x142mm	250x242mm
resolution	dynamic \varnothing 3.0mm / static \varnothing 5.0mm	dynamic \varnothing 5.0mm / static \varnothing 8.0mm
output signal	pnnp, no/nc	pnnp, no/nc
operating voltage	18 ... 35V DC	22 ... 26V DC
current consumption (w/o load)	\leq 45mA	\leq 45mA
output current (max. load)	200mA	200mA
voltage drop (max. load)	2.5V DC	2.5V DC
transmitting element (pulsed)	LED, infrared light	LED, infrared light
wavelength	880nm	880nm
response/decay time	0.1ms / 0.1 ... 150ms	0.1ms / 0.1 ... 150ms
display (signal)	yellow LED	yellow LED
sensitivity adjustment	potentiometer	potentiometer
time adjustment	potentiometer 0.1 ... 150ms	potentiometer 0.1 ... 150ms
adjustment	change-over switch stat./dyn. and no/nc	change-over switch stat./dyn. and no/nc
short-circuit protection	+	+
reverse polarity protection	+	+
dimensions	203x190x20mm	303x290x20mm
housing material	aluminum	aluminum
lens material	plastic PMMA	plastic PMMA
operating temperature	0 ... +60°C	0 ... +60°C
degree of protection (EN 60529)	IP67	IP67
connection	M8-connector, 3-pin	M8-connector, 3-pin
connection accessories	e.g. VK200071	e.g. VK200071

connection



wire colors: bn = brown (1), bu = blue (3), bk = black (4)

This data sheet contains the standard versions only. Kindly request the availability of other output- and connection functions.

We will be pleased to supply the matching cable socket for your devices with connector. Please refer to the list in catalog chapter „accessories“ under „cable sockets **ipf**-SENSORFLEX®“ or search our website for „VK“.

Warning: Never use these devices in applications where the safety of a person depends on their functionality.

This data sheet as well as your personal contact can be found at www.ipf-electronic.com