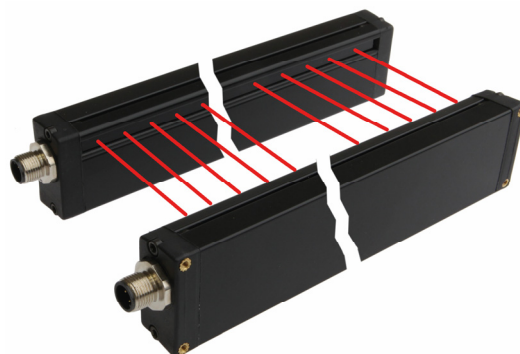


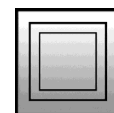
OY41052x

Optical sensors
Light curtains

- / aluminum housing
- / infrared light
- / degree of protection IP65
- / M12-connection



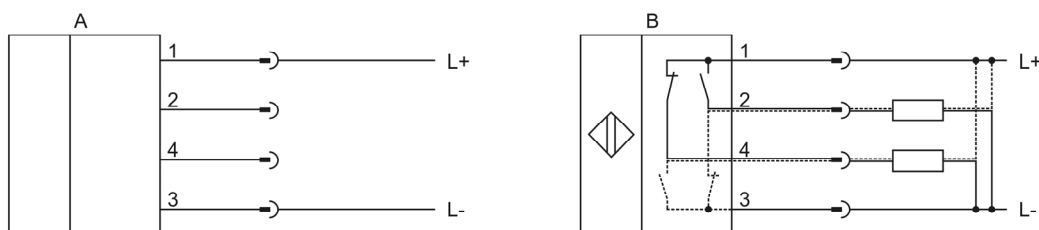
Field heights of 75 to 2010mm



TECHNICAL DATA

range	see article list
operating voltage U_B	24V DC $\pm$ 10%
current consumption (w/o load)	$\leq$ 120mA
switching output	push-pull, exclusive-OR
output current (max. load)	$\leq$ 80mA
voltage drop	$\leq$ 3.5V
response time	see article list
smallest, constantly detectable object	see article list
sensitivity adjustment	see article list
material (housing)	aluminum
material (front screen)	plastic PMMA
degree of protection (EN 60529)	IP65
temperature (operating)	-5 ... +50°C
connection	M12-connector, 4-pin
connection accessories	e.g. VK200325
mounting accessories	AO000550

Connection

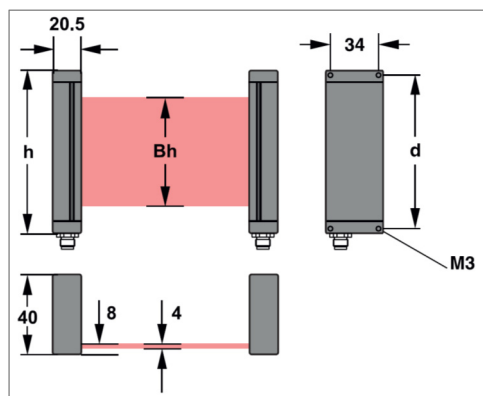


Colors: 1 = BN (brown), 2 = WH (white), 4 = BK (black), 3 = BU (blue)

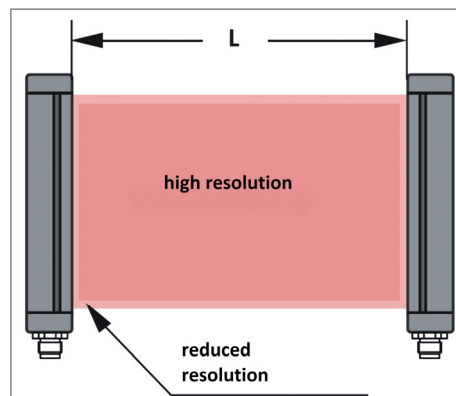
Functions: A: 1 = L+, 2 = n.c., 4 = n.c., 3 = L-

B: 1 = L+, 2 = PNP NO / NPN NC, 3 = L-, 4 = PNP NC / NPN NO

Dimensional drawing



Resolution



Article list

Article no.	h Height	Bh Field height	d Mounting dimension	L Range	Smallest, constantly detectable object	Potential- meter	Response time
OY410520	100mm	75mm	92mm	100 ... 400mm	2mm	Yes	1.2ms
OY410521	180mm	155mm	172mm	150 ... 400mm	2mm	Yes	1.9ms
OY410522	100mm	75mm	92mm	80 ... 800mm	3mm	Yes	0.8ms
OY410523	180mm	155mm	172mm	150 ... 800mm	3mm	Yes	1.2ms
OY410524	100mm	75mm	92mm	80 ... 800mm	6mm	No	0.8ms
OY410525	180mm	155mm	172mm	150 ... 800mm	6mm	No	0.8ms
OY410526	212mm	190mm	204mm	300 ... 4000mm	12mm	No	1.9ms
OY410527	500mm	480mm	492mm	300 ... 4000mm	12mm	No	4.8ms
OY410528	500mm	480mm	492mm	300 ... 8000mm	35mm	No	0.8ms
OY410529	980mm	960mm	972mm	300 ... 8000mm	35mm	No	2.1ms
OY41052A	2036mm	2010mm	2028mm	300 ... 8000mm	35mm	No	4.8ms

SAFETY WARNINGS:

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

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