# xecro

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## Nejspolehlivější snímací technologie

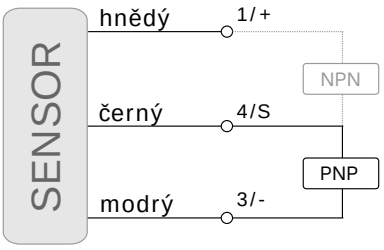
- *elektrické pole*
- *indukční*
- *kapacitní*
- *optické*

# ...na poznámky...

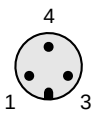
# Optické rámy

široký rozsah aktivní plochy
volitelný statický/dynamický mód
mód detekce nečistot
spolehlivé kovové pouzdro
vestavěná ochrana optiky

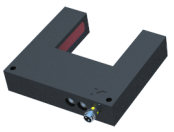
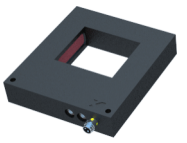
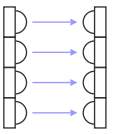
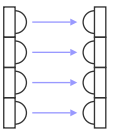
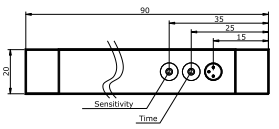
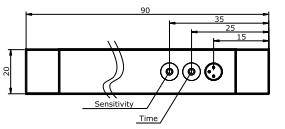
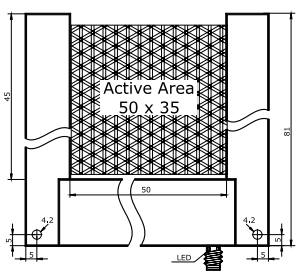
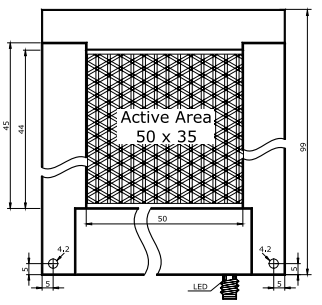
## Schéma zapojení




Konektor M8




Použití tohoto sensoru není určeno pro ochranu osob.

| | OPF 50 | OPFT 50 |
|---|---|---|
| |  |  |
| | Dig.výstup  | Dig.výstup  |
| |  |  |
| |  |  |

## SPECIFIKACE

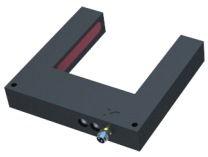
| SPECIFIKACE | OPF 50 | OPFT 50 |
|---|---|---|
| Pracovní napětí | 10...35VDC | 10...35VDC |
| Proudový odběr | < 70 mA | < 70 mA |
| Výstupní proud | 200 mA, zkratová odolnost | 200 mA, zkratová odolnost |
| Úbytek napětí | 2.5 V @ 200 mA | 2.5 V @ 200 mA |
| Frekvence spínání | 1 KHz | 1 KHz |
| Rozlišení | Ø 0.5 mm | Ø 0.5 mm |
| Citlivost | 270° Potenciometr | 270° Potenciometr |
| Zpoždění | 0...150 ms, dynamický mód | 0...150 ms, dynamický mód |
| Opakovatelnost | 0.1 mm | 0.1 mm |
| Pracovní teplota | -10...+60 °C | -10...+60 °C |
| Odolnost okolnímu světlu | 10.000 lux | 10.000 lux |
| Jmenovité izolační napětí (Ui) | 500 V | 500 V |
| Materiál pouzdra | Hliník | Hliník |
| Stupeň krytí | IP 67 | IP 67 |
| Optické součásti | IR - PMMA průzor | IR - PMMA průzor |

## Kód zboží

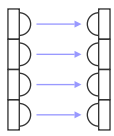
| | | |
|---|---|---|
| PNP, NO | OPF50 PO150/M8 | OPFT50 PO150/M8 |
| NPN, NO | OPF50 PC150/M8 | OPFT50 PC150/M8 |
| NPN, NC | OPF50 NO150/M8 | OPFT50 NO150/M8 |
| | OPF50 NC150/M8 | OPFT50 NC150/M8 |
| Doporučený Připojovací kabel | M8/3... | M8/3... |

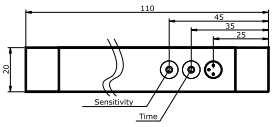
# Optické rámy

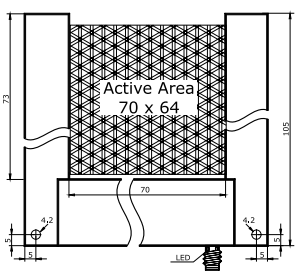
## OPF 70



Dig.výstup

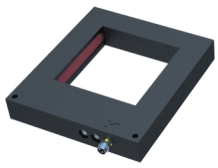




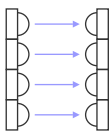



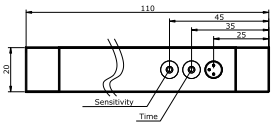

| OPF 70 |
|---|
| 10...35VDC |
| < 70 mA |
| 200 mA, zkratová odolnost |
| 2.5 V @ 200 mA |
| 1 KHz |
| Ø 0.8 mm |
| 270° Potenciometr |
| 0...150 ms, Pouze dynamický mód |
| 0.1 mm |
| -10...+60 °C |
| 10.000 lux |
| 500 V |
| Hliník |
| IP 67 |
| IR - PMMA průzor |
| |
| OPF70 PO150/M8 |
| OPF70 PC150/M8 |
| OPF70 NO150/M8 |
| OPF70 NC150/M8 |
| |
| M8/3... |

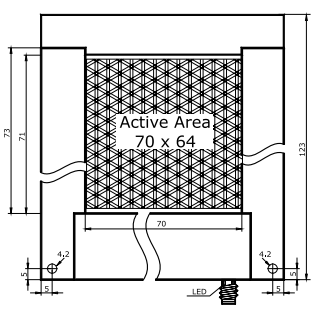
## OPFT 70



Dig.výstup

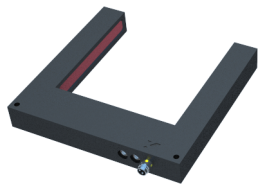




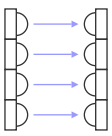



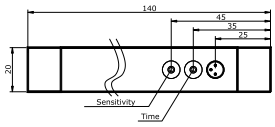

| OPFT 70 |
|---|
| 10...35VDC |
| < 70 mA |
| 200 mA, zkratová odolnost |
| 2.5 V @ 200 mA |
| 1 KHz |
| Ø 0.8 mm |
| 270° Potenciometr |
| 0...150 ms, Pouze dynamický mód |
| 0.1 mm |
| -10...+60 °C |
| 10.000 lux |
| 500 V |
| Hliník |
| IP 67 |
| IR - PMMA průzor |
| |
| OPFT70 PO150/M8 |
| OPFT70 PC150/M8 |
| OPFT70 NO150/M8 |
| OPFT70 NC150/M8 |
| |
| M8/3... |

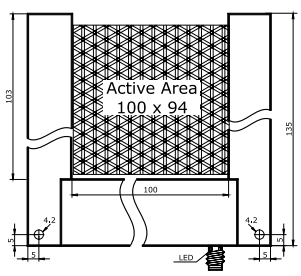
## OPF 100



Dig.výstup

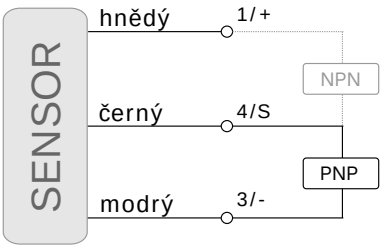




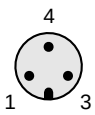




| OPF 100 |
|---|
| 10...35VDC |
| < 70 mA |
| 200 mA, zkratová odolnost |
| 2.5 V @ 200 mA |
| 1 KHz |
| Ø 1.5 mm |
| 270° Potenciometr |
| 0...150 ms, Pouze dynamický mód |
| 0.1 mm |
| -10...+60 °C |
| 10.000 lux |
| 500 V |
| Hliník |
| IP 67 |
| IR - PMMA průzor |
| |
| OPF100 PO150/M8 |
| OPF100 PC150/M8 |
| OPF100 NO150/M8 |
| OPF100 NC150/M8 |
| |
| M8/3... |

## Schéma zapojení

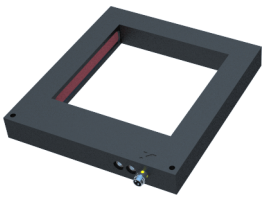



Konektor M8

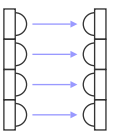


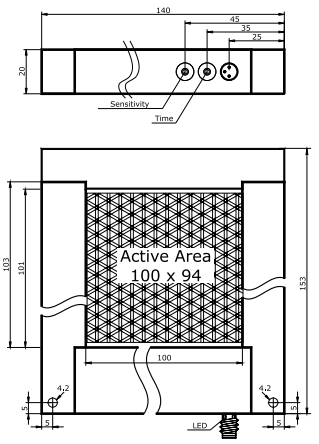

Použití tohoto sensoru není určeno pro ochranu osob.

## OPFT 100

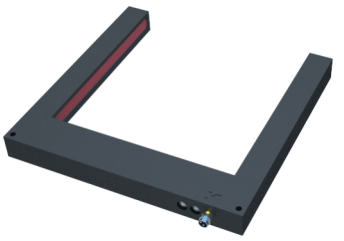


Dig.výstup

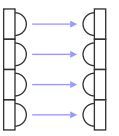


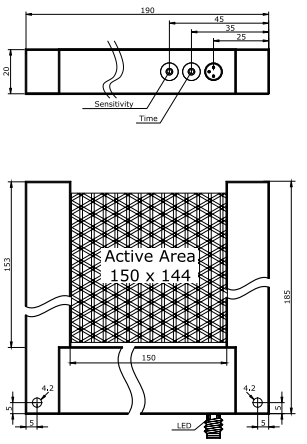



## OPF 150



Dig.výstup





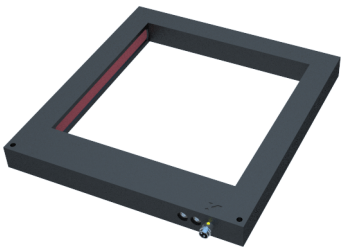
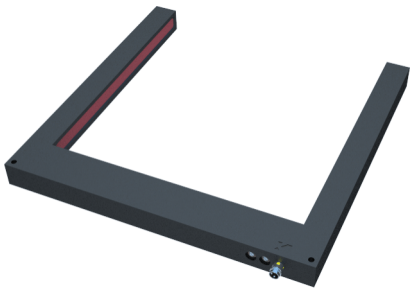
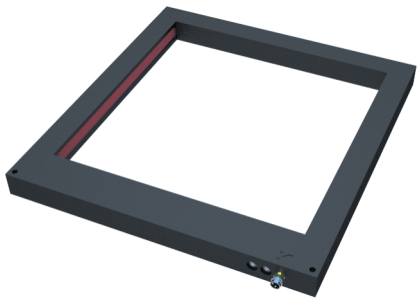
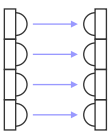
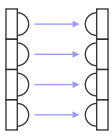
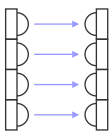
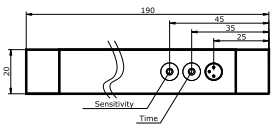
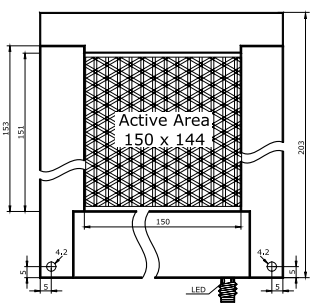
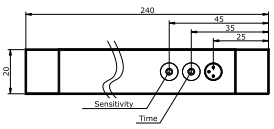
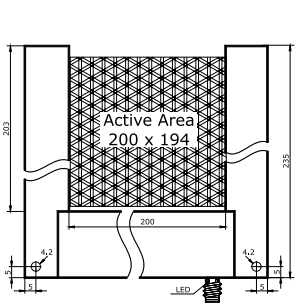
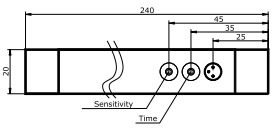
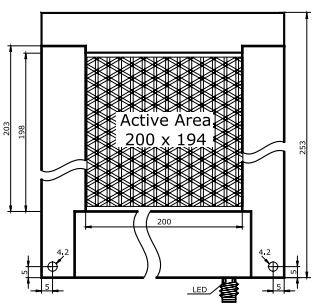

## SPECIFIKACE

| SPECIFIKACE | OPFT 100 | OPF 150 |
|---|---|---|
| Pracovní napětí | 10...35VDC | 10...35VDC |
| Proudový odběr | < 70 mA | < 70 mA |
| Výstupní proud | 200 mA, zkratová odolnost | 200 mA, zkratová odolnost |
| Úbytek napětí | 2.5 V @ 200 mA | 2.5 V @ 200 mA |
| Frekvence spínání | 1 KHz | 1 KHz |
| Rozlišení | Ø 1.5 mm | Ø 3.0 mm |
| Citlivost | 270° Potenciometr | 270° Potenciometr |
| Zpoždění | 0...150 ms, dynamický mód | 0...150 ms, dynamický mód |
| Opakovatelnost | 0.1 mm | 0.1 mm |
| Pracovní teplota | -10...+60 °C | -10...+60 °C |
| Odolnost okolnímu světlu | 10.000 lux | 10.000 lux |
| Jmenovité izolační napětí (Ui) | 500 V | 500 V |
| Materiál pouzdra | Hliník | Hliník |
| Stupeň krytí | IP 67 | IP 67 |
| Optické součásti | IR - PMMA průzor | IR - PMMA průzor |

## Kód zboží

| | | |
|---|---|---|
| PNP, NO | OPFT100 PO150/M8 | OPF150 PO150/M8 |
| PNP, NC | OPFT100 PC150/M8 | OPF150 PC150/M8 |
| NPN, NO | OPFT100 NO150/M8 | OPF150 NO150/M8 |
| NPN, NC | OPFT100 NC150/M8 | OPF150 NC150/M8 |
| Doporučený Připojovací kabel | M8/3... | M8/3... |

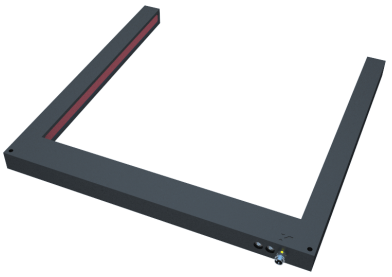
# Optické rámy

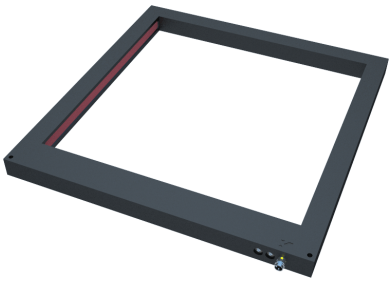
| OPFT 150 | OPF 200 | OPFT 200 |
|---|---|---|
|  |  |  |
| Dig.výstup  | Dig.výstup  | Dig.výstup  |
|    |    |    |
| OPFT 150 | OPF 200 | OPFT 200 |
| 10...35VDC | 10...35VDC | 10...35VDC |
| < 70 mA | < 70 mA | < 70 mA |
| 200 mA, zkratová odolnost | 200 mA, zkratová odolnost | 200 mA, zkratová odolnost |
| 2.5 V @ 200 mA | 2.5 V @ 200 mA | 2.5 V @ 200 mA |
| 1 KHz | 1 KHz | 1 KHz |
| Ø 3.0 mm | Ø 4.0 mm | Ø 4.0 mm |
| 270° Potenciometr | 270° Potenciometr | 270° Potenciometr |
| 0...150 ms, dynamický mód | 0...150 ms, dynamický mód | 0...150 ms, dynamický mód |
| 0.1 mm | 0.1 mm | 0.1 mm |
| -10...+60 °C | -10...+60 °C | -10...+60 °C |
| 10.000 lux | 10.000 lux | 10.000 lux |
| 500 V | 500 V | 500 V |
| Hliník | Hliník | Hliník |
| IP 67 | IP 67 | IP 67 |
| IR - PMMA průzor | IR - PMMA průzor | IR - PMMA průzor |
| | | |
| OPFT150 PO150/M8 | OPF200 PO150/M8 | OPFT200 PO150/M8 |
| OPFT150 PC150/M8 | OPF200 PC150/M8 | OPFT200 PC150/M8 |
| OPFT150 NO150/M8 | OPF200 NO150/M8 | OPFT200 NO150/M8 |
| OPFT150 NC150/M8 | OPF200 NC150/M8 | OPFT200 NC150/M8 |
| M8/3... | M8/3... | M8/3... |

# Optické rámy

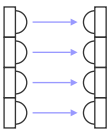
## OPF 250

## OPFT 250

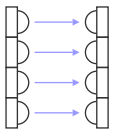




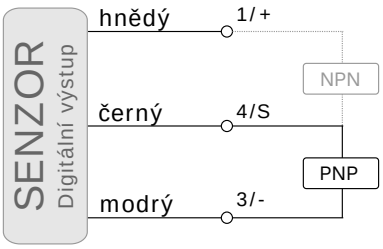
Dig.výstup

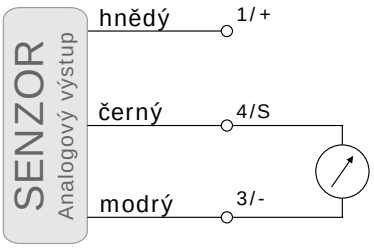


Dig.výstup

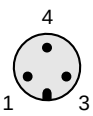


## Schéma zapojení

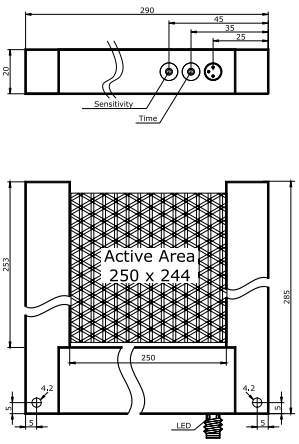


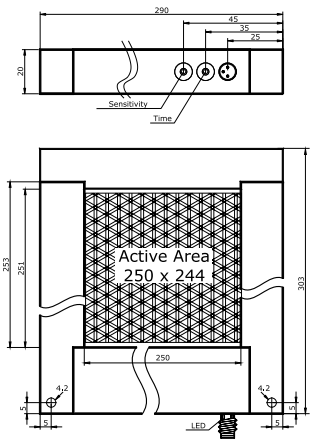




Konektor M8




Použití tohoto sensoru není určeno pro ochranu osob.



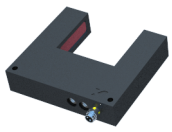
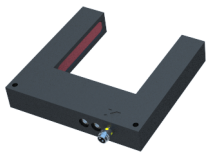
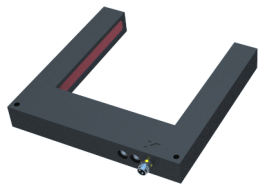
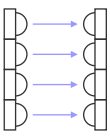
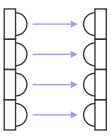
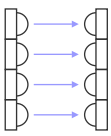
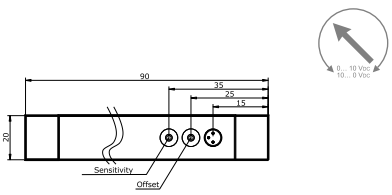
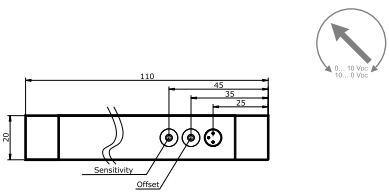
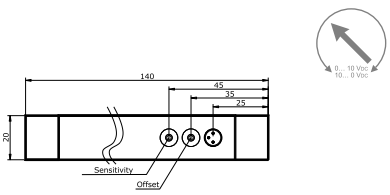
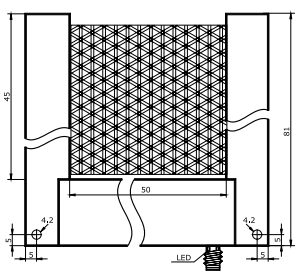
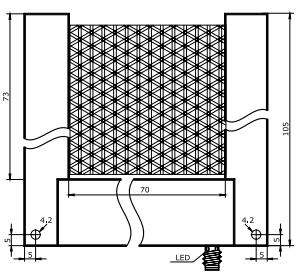
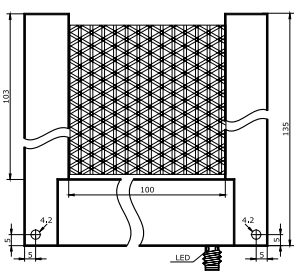

## SPECIFIKACE

| | OPF 250 | OPFT 250 |
|---|---|---|
| Pracovní napětí | 10...35VDC | 10...35VDC |
| Proudový odběr | < 70 mA | < 70 mA |
| Výstupní proud | 200 mA, zkratová odolnost | 200 mA, zkratová odolnost |
| Úbytek napětí | 2.5 V @ 200 mA | 2.5 V @ 200 mA |
| Frekvence spínání | 1 KHz | 1 KHz |
| Rozlišení | Ø 6.0 mm | Ø 6.0 mm |
| Citlivost | 270° Potenciometr | 270° Potenciometr |
| Zpoždění | 0...150 ms, dynamický mód | 0...150 ms, dynamický mód |
| Opakovatelnost | 0.1 mm | 0.1 mm |
| Pracovní teplota | -10...+60 °C | -10...+60 °C |
| Odolnost okolnímu světlu | 10.000 lux | 10.000 lux |
| Jmenovité izolační napětí (Ui) | 500 V | 500 V |
| Materiál pouzdra | Hliník | Hliník |
| Stupeň krytí | IP 67 | IP 67 |
| Optické součásti | IR - PMMA průzor | IR - PMMA průzor |

## Kód zboží

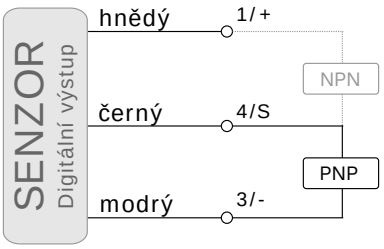
| | | |
|---|---|---|
| PNP, NO | OPF250 PO150/M8 | OPFT250 PO150/M8 |
| PNP, NC | OPF250 PC150/M8 | OPFT250 PC150/M8 |
| NPN, NO | OPF250 NO150/M8 | OPFT250 NO150/M8 |
| NPN, NC | OPF250 NC150/M8 | OPFT250 NC150/M8 |
| PNP, Analogový Napěťový (0...10 VDC) | | |
| Doporučený Připojovací kabel | M8/3... | M8/3... |

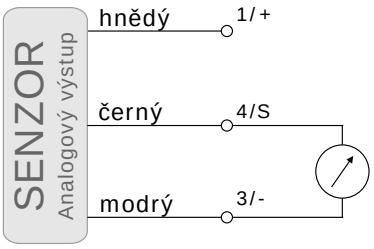
# Optické rámy

| 50 - analog | 70 - analog | 100 - analog |
|---|---|---|
|  |  |  |
| Analog.výstup  | Analog.výstup  | Analog.výstup  |
|  |  |  |
|  |  |  |
| OPF 50 | OPF 70 | OPF 100 |
| 24 VDC | 24 VDC | 24 VDC |
| < 70 mA | < 70 mA | < 70 mA |
| 10 mA, zkratová odolnost | 10 mA, zkratová odolnost | 10 mA, zkratová odolnost |
| 0...10 / 10...0 VDC, volitelný | 0...10 / 10...0 VDC, volitelný | 0...10 / 10...0 VDC, volitelný |
| 1 KHz | 1 KHz | 1 KHz |
| Ø 0.5 mm | Ø 0.8 mm | Ø 1.5 mm |
| 0...11 VDC, Nastavitelný | 0...11 VDC, Nastavitelný | 0...11 VDC, Nastavitelný |
| 0.3 mm | 0.3 mm | 0.3 mm |
| -10...+60 °C | -10...+60 °C | -10...+60 °C |
| 10.000 lux | 10.000 lux | 10.000 lux |
| 500 V | 500 V | 500 V |
| Hliník | Hliník | Hliník |
| IP 67 | IP 67 | IP 67 |
| IR - PMMA průzor | IR - PMMA průzor | IR - PMMA průzor |
| OPF50 AV010/M8 | OPF70 AV010/M8 | OPF100 AV010/M8 |
| M8/3... | M8/3... | M8/3... |

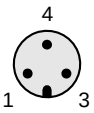
# Optické rámy

## Schéma zapojení



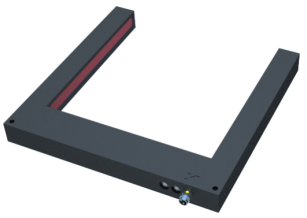




Konektor M8

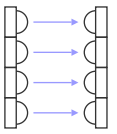



Použití tohoto sensoru není určeno pro ochranu osob.

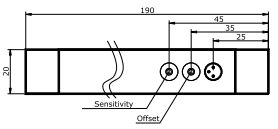
## 150 - analog

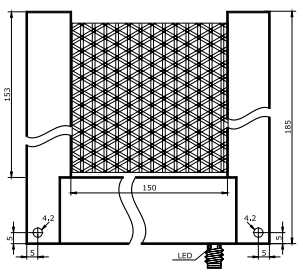


Analog.výstup

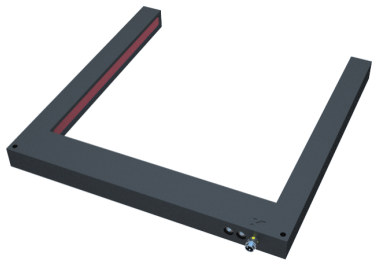




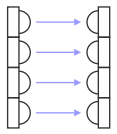


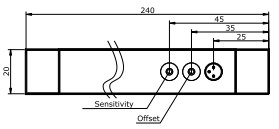

## 200 - analog

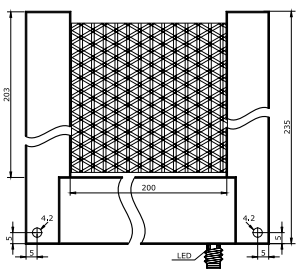


Analog.výstup







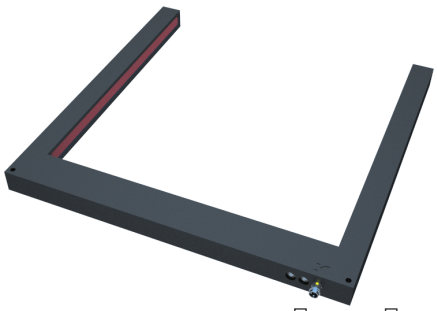

## SPECIFIKACE

| | OPF 150 | OPF 200 |
|---|---|---|
| Pracovní napětí | 24 VDC | 24 VDC |
| Proudový odběr | < 70 mA | < 70 mA |
| Výstupní proud | 10 mA, zkratová odolnost | 10 mA, zkratová odolnost |
| Úbytek napětí | 0...10 / 10...0 VDC, volitelný | 0...10 / 10...0 VDC, volitelný |
| Frekvence spínání | 1 KHz | 1 KHz |
| Rozlišení | Ø 4.0 mm | Ø 4.0 mm |
| Citlivost | 0...11 VDC, Nastavitelný | 0...11 VDC, Nastavitelný |
| Zpoždění | | |
| Opakovatelnost | 0.3 mm | 0.3 mm |
| Pracovní teplota | -10...+60 °C | -10...+60 °C |
| Odolnost okolnímu světlu | 10.000 lux | 10.000 lux |
| Jmenovité izolační napětí (Ui) | 500 V | 500 V |
| Materiál pouzdra | Hliník | Hliník |
| Stupeň krytí | IP 67 | IP 67 |
| Optické součásti | IR - PMMA průzor | IR - PMMA průzor |

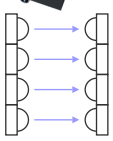
## Kód zboží

| | | |
|---|---|---|
| PNP, NO | | |
| PNP, NC | | |
| NPN, NO | | |
| NPN, NC | | |
| PNP, Analogový Napěťový (0...10 VDC) | OPF150 AV010/M8 | OPF200 AV010/M8 |
| Doporučený Připojovací kabel | M8/3... | M8/3... |

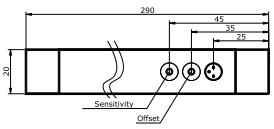
## 250 - analog

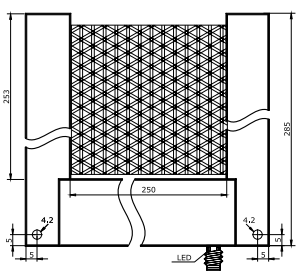


Analog.výstup








### OPF 250

24 VDC
< 70 mA
10 mA, zkratová odolnost
0...10 / 10...0 VDC, volitelný
1 KHz
Ø 6.0 mm
0...11 VDC, Nastavitelný

0.3 mm
-10...+60 °C
10.000 lux
500 V
Hliník
IP 67
IR - PMMA průzor

OPF250 AV010/M8

M8/3...

# ...na poznámky...