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## Basic Smart Background suppression 15...210 mm Stainless steel V2A IO Link only Pinpoint LED, red 640 nm

SKU: ISHR-M18MP-NMS-A0



### ISHR-M18MP-NMS-A0

|                          |                            |
|--------------------------|----------------------------|
| Operating range          | 0...250 mm                 |
| Switching frequency max. | 500 Hz                     |
| Supply voltage           | 10...30                    |
| Polarity                 | PNP                        |
| Output                   | Light-on/IO-Link + Dark-on |
| Sensitivity adjustment   | IO-Link only               |
| Connection               | M12 4-pin                  |
| Housing size [mm]        | M18                        |
| Enclosure rating         | IP 67                      |
| Housing material         | Stainless-steel V2A        |
| Temperature range        | -25...+65°C                |
| Light source             | Pinpoint LED, red 640 nm   |
| Interface                | IO-Link                    |
| Operating principle      | Background suppression     |
| Sensing range max.       | 10...250 mm                |

## Basic Smart Background suppression 15...250 mm ABS IO Link only Pinpoint LED, red 640 nm

SKU: ISHR-C23MP-NMS-A0



# ISHR-C23MP-NMS-A0

|                           |                                    |
|---------------------------|------------------------------------|
| Operating range           | 0...300 mm                         |
| Switching frequency max.  | 500 Hz                             |
| Supply voltage            | 10...30                            |
| Polarity                  | PNP                                |
| Output                    | Light-on/IO-Link + Stability alarm |
| Sensitivity adjustment    | IO-Link only                       |
| Connection                | M8 4-pin                           |
| Housing size [mm]         | 20 x 30 (C23)                      |
| Enclosure rating          | IP 67                              |
| Housing material          | Stainless-steel V2A                |
| Sensitivity Range Adjustm | 30...300 mm                        |
| Temperature range         | -25...+65°C                        |
| Light source              | Pinpoint LED, red 640 nm           |
| Interface                 | IO-Link                            |
| Operating principle       | Background suppression             |
| Sensing range max.        | 10...300 mm                        |

## Basic Smart Diffuse 5...1000 mm Stainless steel V2A IO Link only LED, red 630 nm

SKU: ISTR-M18MP-NMS-A0



# ISTR-M18MP-NMS-A0

|                          |                            |
|--------------------------|----------------------------|
| Operating range          | 0...1200 mm                |
| Switching frequency max. | 1000 Hz                    |
| Supply voltage           | 10...30                    |
| Polarity                 | PNP                        |
| Output                   | Light-on/IO-Link + Dark-on |
| Sensitivity adjustment   | IO-Link only               |
| Connection               | M12 4-pin                  |
| Housing size [mm]        | M18                        |
| Enclosure rating         | IP 67                      |
| Housing material         | Stainless-steel V2A        |
| Temperature range        | -25...+65°C                |
| Light source             | LED, red 630 nm            |
| Interface                | IO-Link                    |

|                     |             |
|---------------------|-------------|
| Operating principle | Diffuse     |
| Sensing range max.  | 3...1200 mm |

## Basic Smart Diffuse 5...1200 mm ABS IO Link only LED, red 630 nm

SKU: ISTR-C23MP-NMS-A0



### ISTR-C23MP-NMS-A0

|                           |                                    |
|---------------------------|------------------------------------|
| Operating range           | 0...1500 mm                        |
| Switching frequency max.  | 1000 Hz                            |
| Supply voltage            | 10...30                            |
| Polarity                  | PNP                                |
| Output                    | Light-on/IO-Link + Stability alarm |
| Sensitivity adjustment    | IO-Link only                       |
| Connection                | M12 4-pin                          |
| Housing size [mm]         | 20 x 30 (C23)                      |
| Enclosure rating          | IP 67                              |
| Housing material          | Stainless-steel V2A                |
| Sensitivity Range Adjustm | 30...300 mm                        |
| Temperature range         | -25...+65°C                        |
| Light source              | LED, red 630 nm                    |
| Interface                 | IO-Link                            |
| Operating principle       | Diffuse                            |
| Sensing range max.        | 3...1500 mm                        |

## Basic Smart Reflex 30...5500 mm Stainless steel V2A IO Link only LED, red 630 nm

SKU: ISRR-M18MP-NMS-A0



# ISRR-M18MP-NMS-A0

|                          |                            |
|--------------------------|----------------------------|
| Operating range          | 0...7000 mm                |
| Switching frequency max. | 1000 Hz                    |
| Supply voltage           | 10...30                    |
| Polarity                 | PNP                        |
| Output                   | Light-on/IO-Link + Dark-on |
| Sensitivity adjustment   | IO-Link only               |
| Connection               | M12 4-pin                  |
| Housing size [mm]        | M18                        |
| Enclosure rating         | IP 67                      |
| Housing material         | Stainless-steel V2A        |
| Temperature range        | -25...+65°C                |
| Light source             | LED, red 630 nm            |
| Interface                | IO-Link                    |
| Operating principle      | Reflex                     |
| Sensing range max.       | 20...7000 mm               |

## Basic Smart Reflex 30...6000 mm ABS IO Link only LED, red 630 nm

SKU: ISRR-C23MP-NMS-A0



# ISRR-C23MP-NMS-A0

|                           |                                    |
|---------------------------|------------------------------------|
| Operating range           | 0...8000 mm                        |
| Switching frequency max.  | 1000 Hz                            |
| Supply voltage            | 10...30                            |
| Polarity                  | PNP                                |
| Output                    | Light-on/IO-Link + Stability alarm |
| Sensitivity adjustment    | IO-Link only                       |
| Connection                | M8 4-pin                           |
| Housing size [mm]         | 20 x 30 (C23)                      |
| Enclosure rating          | IP 67                              |
| Housing material          | Stainless-steel V2A                |
| Sensitivity Range Adjustm | 30...300 mm                        |
| Temperature range         | -25...+65°C                        |
| Light source              | LED, red 630 nm                    |
| Interface                 | IO-Link                            |
| Operating principle       | Reflex                             |
| Sensing range max.        | 20...8000 mm                       |

## Basic Smart Through beam 0...25000 mm ABS IO Link only LED, red 630 nm

SKU: ISLR-C23MP-NMS-A0



### ISLR-C23MP-NMS-A0

|                           |                                    |
|---------------------------|------------------------------------|
| Operating range           | 0...1500 mm                        |
| Switching frequency max.  | 1000 Hz                            |
| Supply voltage            | 10...30                            |
| Polarity                  | PNP                                |
| Output                    | Light-on/IO-Link + Stability alarm |
| Sensitivity adjustment    | IO-Link only                       |
| Connection                | M8 4-pin                           |
| Housing size [mm]         | 20 x 30 (C23)                      |
| Enclosure rating          | IP 67                              |
| Housing material          | Stainless-steel V2A                |
| Sensitivity Range Adjustm | 30...300 mm                        |
| Temperature range         | -25...+65°C                        |
| Light source              | LED, red 630 nm                    |
| Interface                 | IO-Link                            |
| Operating principle       | Through-beam                       |
| Sensing range max.        | 0...30000 mm                       |

## Basic Smart Through beam 0...25000 mm Stainless steel V2A IO Link only LED, red 630 nm

SKU: ISLR-M18MP-NMS-A0



### ISLR-M18MP-NMS-A0

|                          |             |
|--------------------------|-------------|
| Operating range          | 0...8000 mm |
| Switching frequency max. | 1000 Hz     |
| Supply voltage           | 10...30     |

|                        |                            |
|------------------------|----------------------------|
| Polarity               | PNP                        |
| Output                 | Light-on/IO-Link + Dark-on |
| Sensitivity adjustment | IO-Link only               |
| Connection             | M12 4-pin                  |
| Housing size [mm]      | M18                        |
| Enclosure rating       | IP 67                      |
| Housing material       | Stainless-steel V2A        |
| Temperature range      | -25...+65°C                |
| Light source           | LED, red 630 nm            |
| Interface              | IO-Link                    |
| Operating principle    | Through-beam               |
| Sensing range max.     | 0...30000 mm               |

## Basic Smart Through beam emitter 0...25000 mm Stainless steel V2A No LED, red 630 nm

SKU: ISLR-C23MP-NMS-AE



## ISLR-C23MP-NMS-AE

|                           |                               |
|---------------------------|-------------------------------|
| Operating range           | 0                             |
| Supply voltage            | 10...30                       |
| Polarity                  | PNP                           |
| Output                    | Light-on/IO-Link + Test input |
| Sensitivity adjustment    | No                            |
| Connection                | M12 4-pin                     |
| Housing size [mm]         | 20 x 30 (C23)                 |
| Enclosure rating          | IP 67                         |
| Housing material          | Stainless-steel V2A           |
| Sensitivity Range Adjustm | 30...300 mm                   |
| Temperature range         | -25...+65°C                   |
| Light source              | LED, red 630 nm               |
| Interface                 | IO-Link                       |
| Operating principle       | Through-beam emitter          |
| Sensing range max.        | 0...30000 mm                  |

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