

FT 55 BlueLight Sales Letter



PM sensors, July 2016



- ✓ **First adjustable bluelight sensor with adjustable BGS on the market**
 - Real background suppression, even on transparent targets in front of a white background
- ✓ **Compact housing with high sensing distance**
 - 1.2 m on white targets
 - 0.7 m on transparent targets
 - 0.6 m on black targets
- ✓ **Smaller light spot than the red light version (FT 55-RH)**
 - More energy/area
- ✓ **Simple handling and installing**



- **Versions**
- Customer's benefit
- Applications
- Market

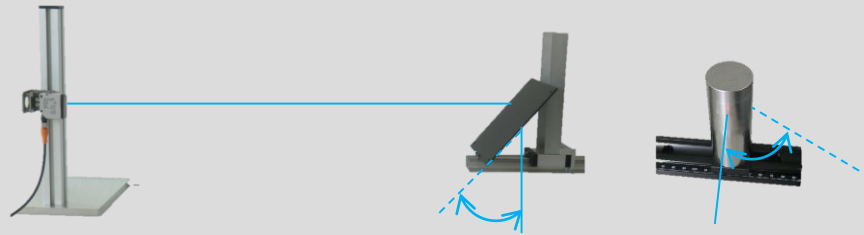


Sensing range	Switching output	Type of connection	Part number	Article number	Price
0.03 – 1.2 m	PNP	Plug, M12x1, 4-pin	FT 55-BH-PS-L4	623-11036	179.20 €
0.03 – 1.2 m	NPN	Plug, M12x1, 4-pin	FT 55-BH-NS-L4	623-11037	181.40 €



- Versions
- **Customer's benefit**
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- Multifunctional sensor with high sensing range
- Reliable detection of transparent objects, even in front of a white background
- Very good detection on tilted surfaces



e.g. on dark or reflecting surfaces

➤ Video:

- Detection of highly transparent objects (antireflective glass)
- Detection of tilted transparent objects
- Detection of transparent foils

<https://www.youtube.com/watch?v=w3vxtUiUnDk>





		<p>Part number / Article number</p> <p>Description</p> <p>Suitable for</p>	<p>MA F 55 / 579-50007</p> <p>Mounting angle, fine-adjustable with adjusting screws.</p> <p>Material: stainless steel V2A</p> <p>F 55</p>
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Simple and precise mounting through the MA F 55



- Versions
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- **Applications**
- Market



- Packaging industry
 - Detection of transparent foils
- Synthetics industry
 - Detection and positioning of dark synthetic objects
- Solar industry
 - Detection of wavers
- Medical technology and lab automation
 - Detection of transparent test tubes or syringes
- Beverage industry
 - Detection of bottles or PET molding blanks





- Versions
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- **Market**

- First adjustable bluelight sensor with BGS on the market
- Competitor's only bluelight sensor is the W2 blue from SICK:
 - Fixed focus sensor, not adjustable
 - Miniature housing
 - Very similar to the FT 10-BF2 (sensing range of 30 mm), but no „real“ BGS (switches when a reflective background is introduced)



