





LIGHT GRIDS **FAST DETECTION, COUNTING AND MEASUREMENT**

Infrared scanning for presence detection
and dimensional control

DETECTION GRIDS

Two new ranges of infrared light grids offer solutions for presence detection and dimensional control.

FAST COUNTING OF SMALLEST OBJECTS

Contrinex detection grids use a dense network of light beams to scan the detection area in several directions. Speed and resolution are exceptionally high, which makes them ideal for controlling and counting items ejected from molds or output from other processes.

- ✓ Fast response time 0.8 ms ... 4.8 ms
- ✓ Ideal for detection and counting of objects, even the smallest
- ✓ Resolution: 0.9 mm, 2 mm, 4 mm, 8 mm or 25 mm
- ✓ Detection height: up to 2010 mm

Typical applications

- Production of small parts or foil
- Packaging
- Pharmaceutical industry
- Woodworking industry



MEASUREMENT GRIDS

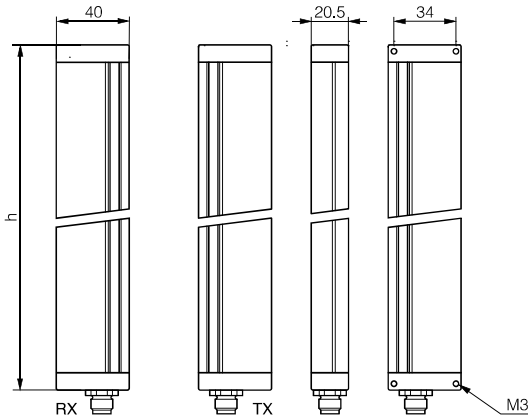
Contrinex measurement grids use a grid of light beams to detect the presence of objects and simultaneously measure their dimension or position. Installation and alignment are fast and easy.

- ✓ Resolution: 5 mm or 12 mm
- ✓ Analog output 0-10 V or 4-20 mA
- ✓ Measurement height: up to 1438 mm

Typical applications

- Logistics
- Automated packaging equipment
- Warehousing
- Woodworking industry





NEW

DETECTION LIGHT GRIDS

PART REFERENCE	ART. NO.	RESOLUTION (mm)	HEIGHT h (mm)	DETECTION RANGE (mm)	RESPONSE TIME (ms)
DGI-01A-0075-PMS-107	605-000-729	0.9	100	100 ... 400	1.2
DGI-01A-0155-PMS-107	605-000-730	0.9	180	150 ... 400	1.9
DGI-02A-0075-PMS-107	605-000-731	2	100	80 ... 800	0.8
DGI-02A-0155-PMS-107	605-000-732	2	180	150 ... 800	1.2
DGI-04A-0075-NMS-107	605-000-733	4	100	80 ... 800	0.8
DGI-04A-0155-NMS-107	605-000-734	4	180	150 ... 800	0.8
DGI-08A-0190-NMS-107	605-000-735	8	212	300 ... 4000	1.9
DGI-08A-0480-NMS-107	605-000-736	8	500	300 ... 4000	4.8
DGI-25A-0480-NMS-107	605-000-737	25	500	300 ... 8000	0.8
DGI-25A-0960-NMS-107	605-000-738	25	980	300 ... 8000	2.1
DGI-25A-2010-NMS-107	605-000-739	25	2036	300 ... 8000	4.8

NEW

MEASUREMENT LIGHT GRIDS

PART REFERENCE	ART. NO.	CENTER BEAM SPACING (mm)	HEIGHT h (mm)	MEASUREMENT RANGE (mm)	RESPONSE TIME (ms)
MGI-05A-0232-NMS-149	605-000-740	5	260	4000	4
MGI-05A-0472-NMS-149	605-000-741	5	500	4000	7
MGI-05A-0952-NMS-149	605-000-742	5	980	4000	14
MGI-12A-0458-NMS-149	605-000-743	12	500	4000	3
MGI-12A-0938-NMS-149	605-000-744	12	980	4000	6
MGI-12A-1418-NMS-149	605-000-745	12	1460	4000	9

