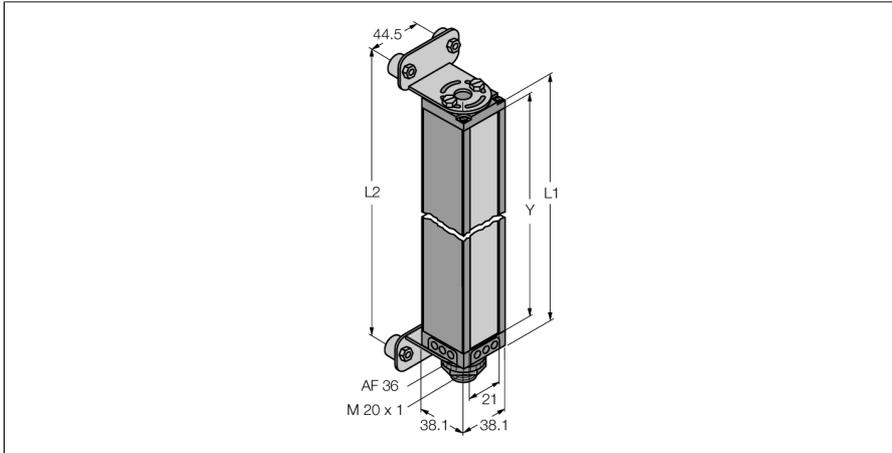


**Measuring light screen**  
**Receiver**  
**MAR2416PX485Q-12476**



- 150 mm cable with male connector, M12 × 1, 8-pin
- Scan field (Y): 600 mm
- Resolution: 19 mm
- Range: 16.5 m
- Operating voltage: 16...30 VDC
- 2 reversible switching outputs (NPN/ PNP)
- RS485 interface

**Functional principle**

Measuring light screens are ideally suited for precise detection and inspection tasks such as sizing, product profiling, edge and center guiding, and detecting holes. Every system consists of an emitter and a receiver that has two reversible switching outputs. In addition, data is also transmitted via RS485. The device can be parametrized via the PC with software. The response times are dependent on the scan field and the scan mode set. Detailed information on this can be found in the instruction manual.

<b>Type designation</b>	MAR2416PX485Q-12476
Ident no.	3012476
<b>Function</b>	Light screen
Light type	IR
Optical resolution	9.5 mm
Scan field	600 mm
Ambient temperature	-40...+70 °C
<b>Operating voltage</b>	16...30 VDC
Reverse polarity protection	yes
Communication protocol	RS485
Output function	2 normally open contact, PNP/NPN
Response time typical	< 18.4 ms
<b>Approvals</b>	CE
Approvals	cULus recognized
Approvals	CE
<b>Design</b>	Rectangular, Mini Array
Dimensions	38.1 x 38.1 x 689 mm
Housing material	Metal, AL
Lens	plastic, Acrylic
Electrical connection	Cable with connector, PVC, M12 × 1
Cable length	0.15 m
Number of cores	8
Protection class	IP65