

# Catalogue No: **440L-T4F2070-Q**

## AREA ACCESS CONTROL TRANSMITTER 0-70M

Safety > Presence Sensing Safety Devices > Light Curtains > Allen-Bradley 440L and 445L Light Curtains > Area Access Control Light Curtains (AAC) > 440L Area Access Control



Representative Photo Only  
(actual product may vary based on configuration selections)

### Area access control single beam transmitter, 0-70m

- Available in a range of resolutions including finger, hand, limb and full body detection
- A practical alternative to guarding in applications where frequent and easy access to a hazard may be required
- Type 2 or Type 4 options
- Specialised versions with IP69k rating available for high-pressure wash-down applications in the food and beverage industry
- External Device Monitoring (EDM) versions available
- Cabling for this range can be found in **Section 12 “Terminals and Pre-Wired Cables”**

#### SPECIFICATIONS

Component Type Safety	Light Curtain Emitter
Umin, Supply Voltage, DC, Min	19.2 V DC
Umax, Supply Voltage, DC, Max	28.8 V DC
Unom, Supply Voltage, DC, Nom	24 V DC
Switching voltage, AC (min)	10 V AC
Switching voltage, AC (max)	230 V AC
Switching voltage, DC (min)	V DC
Switching voltage, DC (max)	30 V DC
Switching current, Min	20 mA
Switching current, max	2 A
Power consumption, emitter, max	6 W
Power consumption, receiver, max	8 W
Cable Entry, Emitter	PG13.5 cable entry
Number of Beams	1 qty
Beam resolution	30 mm
Sensing Distance, Min	0 mm min
Sensing Distance, Max	70000 mm max
Material, Body / Housing	Aluminium material
IP Rating	IP67
Safety Category	Cat 4 safety
Safety Performance Level	PLe safety
Tm, service life, max	20 years
Electrical service life, relay contacts, min	1000000 cycles
Mechanical service life, relay contacts, min	100000000 cycles
Relative Humidity, Min	15 %RH
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing
Operating Temperature, Min	-25 °C min

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Operating Temperature, Max	55 °C max
Storage Temperature, Min	-25 °C min
Storage Temperature, Max	70 °C max
Weight	1 kg
Shock Acceleration (Max.)	10 g
Shock Duration (Max.)	16 ms
Vibration Acceleration (Max.)	5 m/s <sup>2</sup>
Vibration Displacement (Peak to Peak Max.)	0.35 mm
Vibration Frequency, Operational (Max.)	55 Hz
Standards Compliance	IEC/EN 61496 Type 2 Safety Curtain
Certifications	TUV Category 1

### REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-