

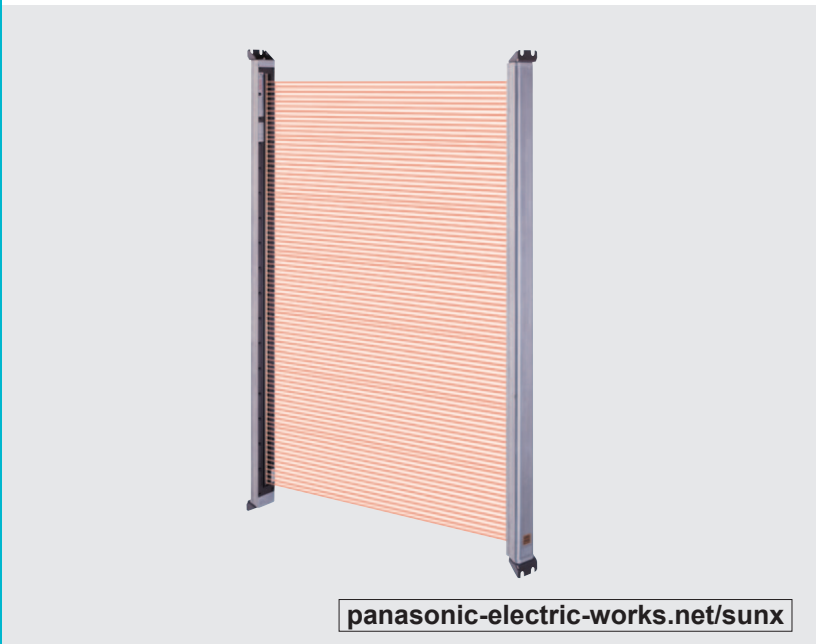
# Flameproof Type Light Curtain **Type 4**

## BSF4-AH80

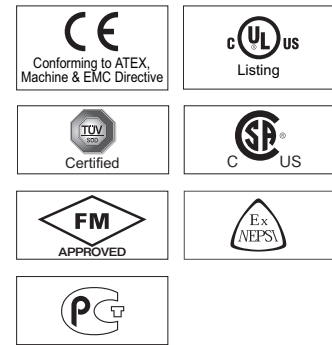
Related Information

- General terms and conditions..... F-17
- Sensor selection guide ..... P.511~
- Glossary of terms..... P.1359~
- General precautions ..... P.1405

- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS**
- PRESSURE / FLOW SENSORS
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS
- SIMPLE WIRE- SAVING UNITS
- WIRE- SAVING SYSTEMS
- MEASUREMENT SENSORS
- STATIC CONTROL DEVICES
- ENDOSCOPE
- LASER MARKERS
- PLC / TERMINALS
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS



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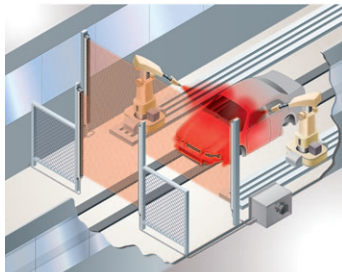
Product certified by China Certification Body  
Certification No.GYJ05332X



## Globally-compliant flameproof structure

### Complies with worldwide flameproof standards

The compact light curtain **SF4-AH80** is built into a highly flameproof enclosure conforming to the IEC 61496 (Type 4). The light curtain can be safely used in any workplace throughout the world where flameproof performance is required.



### Ample protective height 1,595 mm 62.795 in

A single light curtain is sufficient for production lines with high working heights such as vehicle body spray-painting lines.



<b>Europe</b>	Complies with flameproof structures (Exd II BT6) specified by IEC 60079, EN 60079-0, EN60079-1 and ATEX Directives (94/9/EC).
<b>United States</b>	Complies with flameproof structures (Class I Zone 1 AExd II BT6) specified by FM 3600 (ISA 12.22.01).
<b>Canada</b>	Complies with flameproof structures (Exd II BT6) specified by CAN/CSA-E79-0 (CAN/CSA-E79-1).
<b>Russia</b>	Complies with the Russian standard GOST R 51330.0/1 which is based on the international standard.
<b>China</b>	Complies with China's standard GB 3836.1/2 (Exd II BT6) conforming to international standards.
<b>Japan</b>	Complies with technical standard (Exd II BT6) conforming to international standards.

Hazardous locations: Zone 1 location, Zone 2 location  
Classification of gas or vapor, and Temperature classification: II BT6

- Selection Guide
- Laser Scanner
- Single Beam Sensor
- Light Curtains**
- Control Units
- Optical Touch Switch
- Definition of Sensing Heights
- SF4C**
- SF4B**
- SF4B-G**
- SF2B**
- BSF4-AH80**