

# OMRON

## solution GUIDE

### Robotic Work Cells

Enhanced safety, improved productivity, flexibility, easy integration, reliability, and compliance with safety standards



#### Key Features

- Area Beam Indicators (ABI) - Tri-color indicators for easy & instant status
- Back-up & restore settings with Intelligent Tap – can reduce maintenance setup time by 90%
- Perfect fit – Protective heights in 40 mm increments
- IO-Link – Easy remote monitoring of process & service data
- Bluetooth option

#### Challenges:

- Accurate alignment and detection in complex work cell layouts
- Reflective surfaces and external light sources
- Reliable performance in harsh manufacturing environments

#### Why F3SG-SR light curtains for robotic work cells?

- Easy alignment function that simplifies the installation process
- Advanced technology to minimize interference and minimize the impact of external light sources
- Designed to withstand harsh environments with IP69G or IP69K rating

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| Part Number                      | Description                                              |
|----------------------------------|----------------------------------------------------------|
| <a href="#">F3SG-4SRA0400-14</a> | Finger safe light curtain, 400mm height, Advanced Model  |
| <a href="#">F3SG-4SRA1200-25</a> | Finger safe light curtain, 1200mm height, Advanced Model |
| <a href="#">F3SG-4SRB0400-14</a> | Finger safe light curtain, 400mm height, Basic Model     |
| <a href="#">F3SG-4SRB1040-25</a> | Finger safe light curtain, 1200mm height, Basic Model    |
| <a href="#">F39-LSGA</a>         | Adjustable Side Mount Bracket, +/- 15 degrees            |
| <a href="#">F39-SGIT-IL3</a>     | Intelligent Tap Module for Advanced Configuration        |