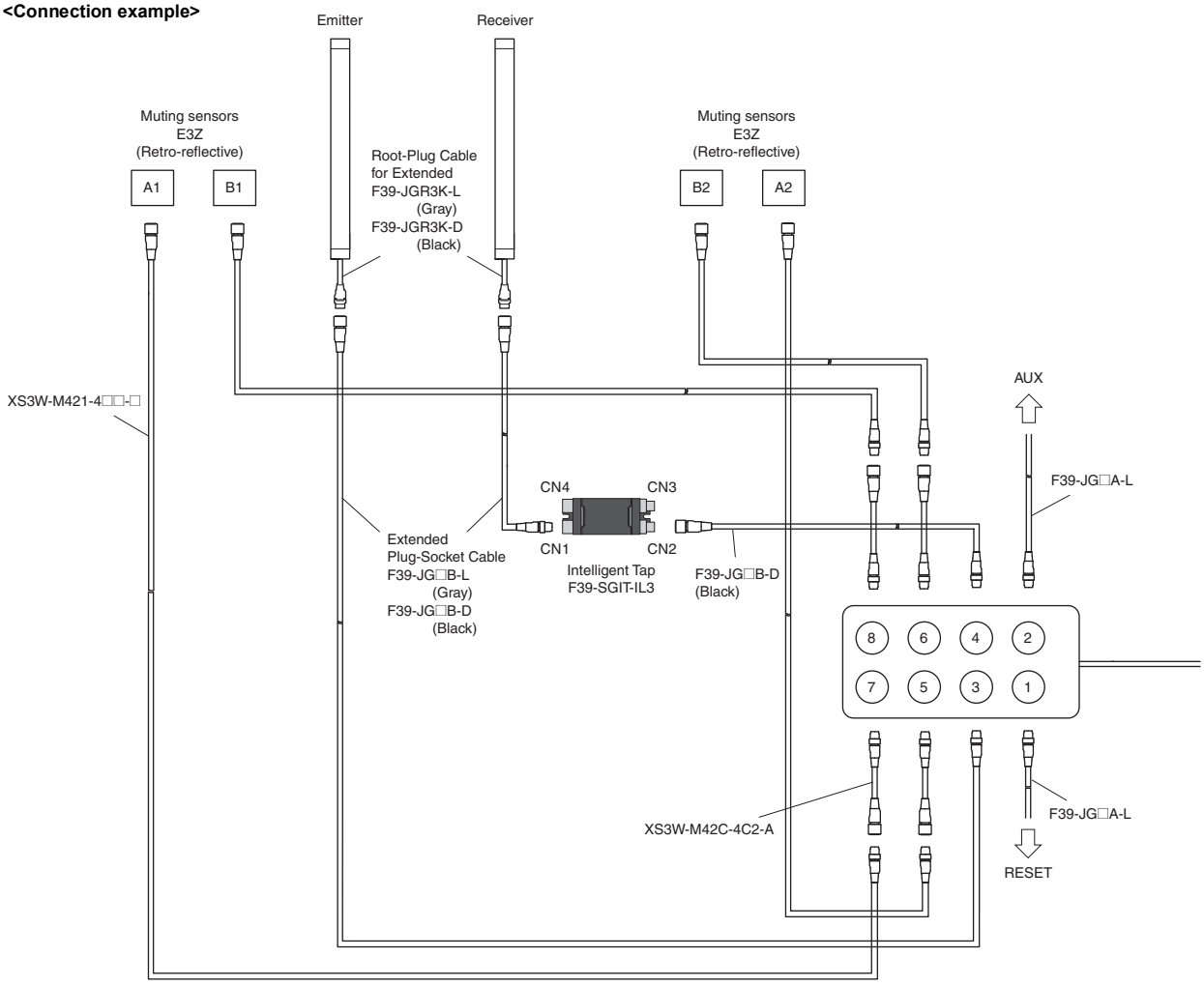
### Muting Sensor Connection Box

| Appearance | Application | Specifications | Cable Length | Model |
|---|---|---|---|---|
| | Speeds up wiring muting sensors. | PNP/NPN selection<br>Main Unit: M12 socket (5 pin) ×7, M12 socket (8 pin) ×1<br>Cable: M12 plug (8 pin) ×1<br>IP67*1 rated when mated. | 0.5 m | **F39-GCN5** |

*1. When the accessory is used, protect it from cutting oil.
*2. When using four muting sensors, order the E3Z-R□□ Muting Sensor (Retro-reflective) that can be connected to the F39-GCN5 Muting Sensor Connection Box.

### Connection Cable for Muting Sensor Connection Box

| Appearance | Application | Specifications | Cable Length | Model |
|---|---|---|---|---|
| | Cable to connect the Muting Sensor and F39-GCN5 Muting Sensor Connection Box. | Connectors connected to cable, M8 socket and M12 plug on cable ends (4 pin) | 0.2 m | **XS3W-M42C-4C2-A** |
| | Sensor I/O Connectors<br>Connectors with Cables, Connectors on Both Cable Ends (Socket/Plug) | Connectors connected to cable, M8 socket and M8 plug on cable ends (4 pin)<br>Straight (socket, plug) | 1 m | **XS3W-M421-401-R** |
| | | | 2 m | **XS3W-M421-402-R** |
| | | | 5 m | **XS3W-M421-405-R** |
| | | | 10 m | **XS3W-M421-410-R** |
| | Sensor I/O Connectors<br>Connectors with Cables, Connectors on Both Cable Ends (Socket/Plug)<br>Used together with the XS3W-M42C-4C2-A when the space to connect to the connector of the E3Z Muting Sensor is between 40 and 80 mm. | Connectors connected to cable, M8 socket and M8 plug on cable ends (4 pin)<br>Right-angle (socket)/straight (plug) | 2 m | **XS3W-M424-402-R** |
| | | | 5 m | **XS3W-M424-405-R** |

**Note: 1.** Select the same output type for both the safety light curtain/safety multi-light beam (PNP/NPN selection by wiring) and muting sensor (PNP or NPN model).
**2. For details of the XS3W, refer to your local OMRON website.**
**3.** Use the F39-JG□B-D Extended Plug-Socket Cable to connect the muting sensor connection box with the Intelligent Tap. The connection example for optical synchronization is shown below.

**<Connection example>**