FMC - Focus Muting Connector | FMI - Focus Muting Indicator

FMC-1
2TLA022042R0000
2TLA022042R1000
M12-8
M12-8

FMC-2
2TLA022042R0000
2TLA022042R1000
M12-8
M12-8

FMI-1A
2TLA022043R0000
2TLA022043R0100
Muting Lamp
LMS
Reset
Power Off

FMI-1B
2TLA022043R0200
2TLA022043R0300
Muting Lamp
LMS
Reset
Power Off

FMI-1C
2TLA022043R0400
2TLA022043R0500
Muting Lamp
LMS
Reset
Power Off

FMI-1D
2TLA022043R0600
2TLA022043R0700
Muting Lamp
LMS
Reset
Power Off

FMI-1A:
with muting lamp only.

FMI-1B:
with reset and power off.

FMI-1C:
with reset, power off and muting lamp.

FMI-1D:
with reset, power off and internal resistor for the muting lamp.

FMI-1E:
as pre reset connected to connector A (A2) on FMC-1(2) (Tina).

FMI-1G:
with reset, and internal resistor for the muting lamp.

FMC-1(2) Tina: same as FMC-1(2) but connected to Vital or Pluto.

FMC-1(2):
with connectors for muting sensors (A+B), reset, power off and muting lamp (R) and muting lamp (M).

Tina 10A:
adaptor unit for connecting Focus to Vital or Pluto.

Tina 10B:
simplified FMC-1(2) Tina including only the connector (R).

Tina 10C:
simplified FMC-1(2) Tina including only power supply on con. no. 3.

FRM-1A:
translates the two OSSD outputs to relay outputs (and power supply).

JS SP-1:
protection plug for unused connectors.

JS AP-1:
adaptor for FMC units to use instead of FMI-1B or -1D on the (R) connector including muting resistor.
A & B connector:
+24 V on pin 4 when muting is required.

FMC-1(2) TINA
Led panel: "On"
In A : Muting sensor A activated
In B : Muting sensor B activated
Muting : Led flashing : Muting activated
Led on : Muting lamp fault
Info : Eden standard

FMC-1(2)
Led panel: "On"
In A : Muting sensor A activated
In B : Muting sensor B activated
Muting : Led flashing : Muting activated
Led on : Muting lamp fault
OSSD1 : Safety output 1 "High"
OSSD2 : Safety output 2 "High"

Basic Connection

<table>
<thead>
<tr>
<th>Alt. 1 *</th>
<th>Alt. 2 *</th>
<th>Alt. 3 *</th>
<th>Alt. 4 *</th>
<th>Alt. 5 *</th>
</tr>
</thead>
</table>
| Muting sensor A
Brown 1 : +24 V Not used
White 2 : 0 V Not used
Blue 3 : 0 V Not used
Black 4 : Not used
Grey 5 : Not used |
| Sensor A
M12-3B : Sensor A1 Transmitter A
Sensor B
M12-3B : Receiver A |
| Sensor A
M12-3B : Senser B1 Transmitter B
Sensor B
M12-3B : Receiver B |
| Sensor A
M12-3B : Sensor A2 Transmitter A
Sensor B
M12-3B : Receiver B |
| +24 V | *Pre Reset*
Supply to ? |

* These alternatives are mixable.

Regarding all alternatives, on the connector "R":
In order to start up Focus light curtain/barrier you must connect pin-2 and -4 to pin-1.

The muting lamp is optional and it is possible to put a resistor (3 W, 220 Ohm) instead of a muting lamp. Except on alt. 6.

** Muting lamp total 3-5 W

FOCUS
Safety Light
Curtain / Barrier

FOCUS
Safety Light
Curtain / Barrier

Muting lamp total 3-5 W

* Muting lamp total 3-5 W

*1 Optional connection: Either cabinet or FMC.

*2 OSSD output:
RL max 500 mA.

*3 Mixable possibility: Cabinet and / or FMC.