

## MI8O2 - MI8O4

### INPUT/OUTPUT EXPANSION UNITS

Input/output expansion unit. With 8 digital inputs and 2 (MI8O2) or 4 (MI8O4) OSSD safety outputs. MI8O4 allows to configure the safety output as single channel.

#### APPLICATION EXAMPLE

To provide more inputs and outputs for a smaller machinery connecting for example extra safety sensors and/or e-stops buttons and to control 2 extra actuators.



- DIGITAL INPUTS  
8
  - SAFETY OUTPUTS  
2 pairs OSSD (MI8O2)  
4 single or 2 pairs OSSD (MI8O4)
  - EDM/RESTART  
2 (MI8O2), 4 (MI8O4)
  - TEST OUTPUTS  
4
  - STATUS OUTPUTS  
2 (MI8O2), 4 (MI8O4)
- COMPATIBILITY  
M1 and M1S (MI8O2)  
M1S (MI8O4)

#### TECHNICAL FEATURES

Digital inputs	8 digital inputs
Safety outputs	2 pairs OSSD (MI8O2) 4 single OSSD or 2 pairs (MI8O4) (PNP 400 mA output current)
EDM	2 (MI8O2) or 4 (MI8O4) inputs for Start/Restart interlock and external device monitoring (EDM)
Status outputs	2 (MI8O2) or 4 (MI8O4) programmable digital signal outputs (PNP 100 mA output current)
Test outputs	4 test outputs for sensor monitoring
LED signalling	Input/output status and fault diagnostics
Connection to Master Unit	Via MSC connector (included)

#### PART NUMBERS

Code	Description
1100010	MI8O2 Expansion unit - Screw terminal blocks
1100110	MI8O2C Expansion unit - Clamp terminal blocks
1100011	MI8O4 Expansion unit - Screw terminal blocks
1100111	MI8O4C Expansion unit - Clamp terminal blocks
1100079	CPM - Polarizing keys for Mosaic connectors

## MI8 - MI16

### INPUT EXPANSION UNITS

Input expansion units with 8 (MI8) or 16 (MI16) digital inputs increase the number of inputs of an Master unit.

#### APPLICATION EXAMPLE

To provide more inputs for a smaller machinery connecting for example extra safety sensors and/or e-stops buttons.



- DIGITAL INPUTS  
8 (MI8), 16 (MI16)
  - TEST OUTPUTS  
4
- COMPATIBILITY  
M1 and M1S

#### TECHNICAL FEATURES

Digital inputs	8 digital inputs
Test outputs	4 test outputs for sensor monitoring
LED signalling	Input/output status and fault diagnostics
Connection to Master Unit	Via MSC connector (included)

#### PART NUMBERS

Code	Description
1100020	MI8 Expansion unit - Screw terminal blocks
1100120	MI8C Expansion unit - Clamp terminal blocks
1100021	MI16 Expansion unit - Screw terminal blocks
1100121	MI16C Expansion unit - Clamp terminal blocks
1100079	CPM - Polarizing keys for Mosaic connectors