

## MO 400.H1X



### Product Characteristics

**Technology**  
**Life Test**  
**Connector**  
**Operation Force**  
**Symbol**

Capacitive Touch Button, Switching Through Glass  
 1.000.000 Cycle Life Test 24VDC 23°C %60 Humidity  
 M12x1 - 4 Pin Connector  
 Touch Without Force  
 Different Symbols Available

### Electrical Data

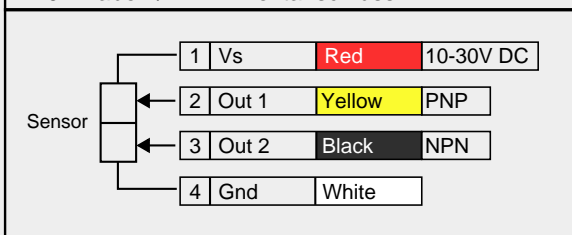
**Supply Voltage**  
**Output**  
**Output Signal**  
**Output Current**  
**Status Display**  
**Light Display**  
**Electrical Protection**  
**Protection**  
**Current Consumption**

10 ~ 30V DC  
 NPN & PNP Normally Open  
 250 ms Period (typ.)  
 500 mA (max.)  
 8 Red LEDs  
 8 Green LEDs  
 Overvoltage, Short-Circuit and Overcurrent  
 IP67  
 < 20 mA (No Load)

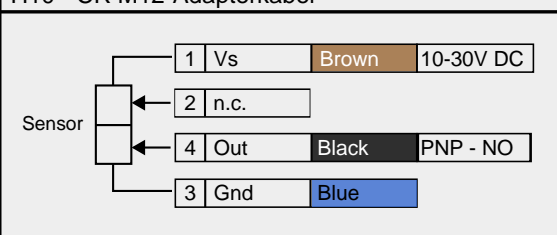
All the tests specified above were performed in Makersan's in-house testing facility for the purpose of design verification except EMC. The in-house testing facility does not hold an accreditation. Rev G - Jul. 2023/1

### Electrical Connection

H10 - Kabel- / M12-Direktanschluss

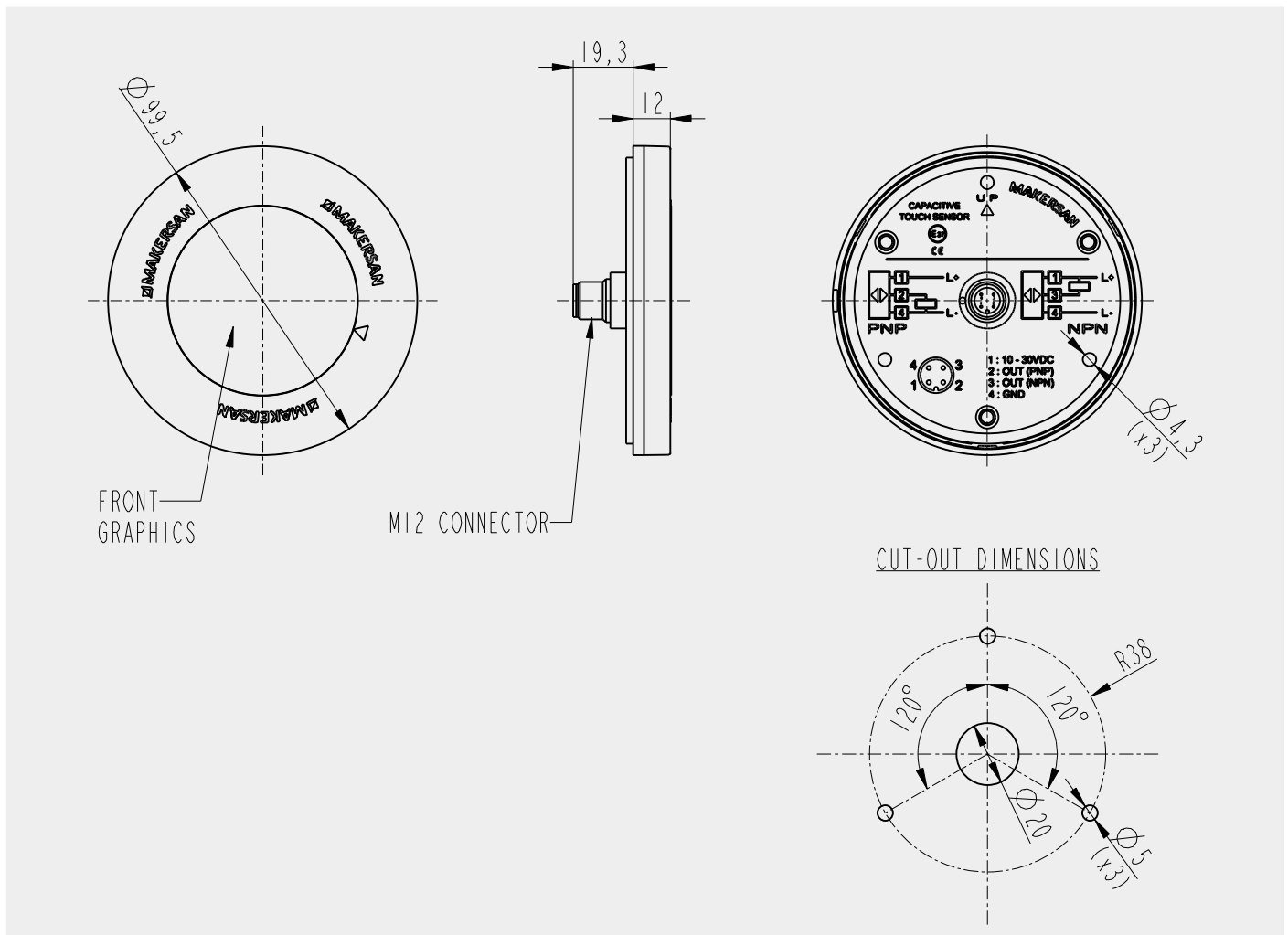


H10 - CR M12-Adapterkabel



## MO 400.H1X

### Technical Drawing



### Color Options



1-Red  
RAL 3001



2-Green  
RAL 6010



3-Yellow  
RAL 1023



4-Black  
RAL 9005



5-Blue  
RAL 5005



6-Orange  
RAL 2010



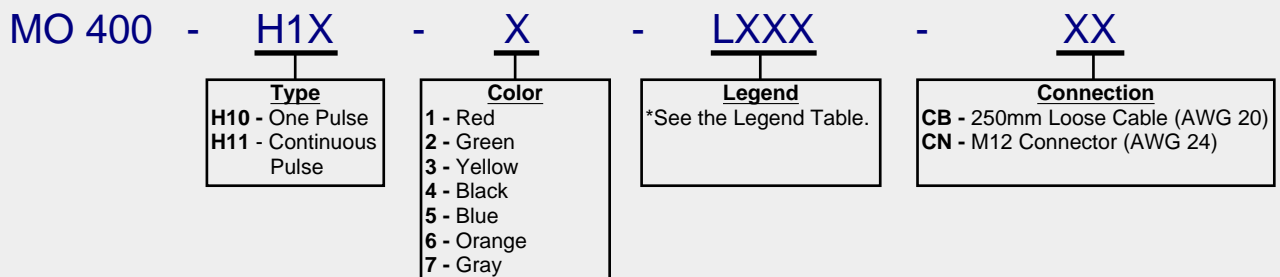
7-Gray  
RAL 7043

## MO 400.H1X

### Legend Table

Code	Symbol	Description
L001		Arrow Out
L002		Disability
L003		Hand
L004		Visually Impaired
L005		Baby Stroller
L006		Arrow In

### Ordering Code



**Example:** MO 400\_H10\_1\_L001\_CN is Standart, Red Color, L001 Legend and M12 Connector type.

### Safety Instructions

- \*Do not use sensor in hazardous and explosive environment.
- \*Keep the sensor away from radio equipment .
- \*Do not place the sensor to the direct air flow of vehicles heating cooling air duct due to the high temperature stress.
- \*Screen with the vehicle's ground the electric cables connected to sensor.Far away the sensor cable from power-conducting lines.
- \*Provide a clean power supply to the sensor. Otherwise voltage transients may damage the sensor.
- \*Do not direct the pressure washing jet to sensor.
- \*Unplug connectors from the sensor during electrical welding operations.
- \*Damages which result from improper use, all warranty and liability claims with respect to the manufacturer void.
- \*To perform a risk analysis of the system is customer's responsibility at use in safety-related functions of the sensor.
- \*These products are ESD (Electrostatic Discharge) sensitive devices. ESD may cause permanent damage. When handling these devices please observe standard ESD precautions.