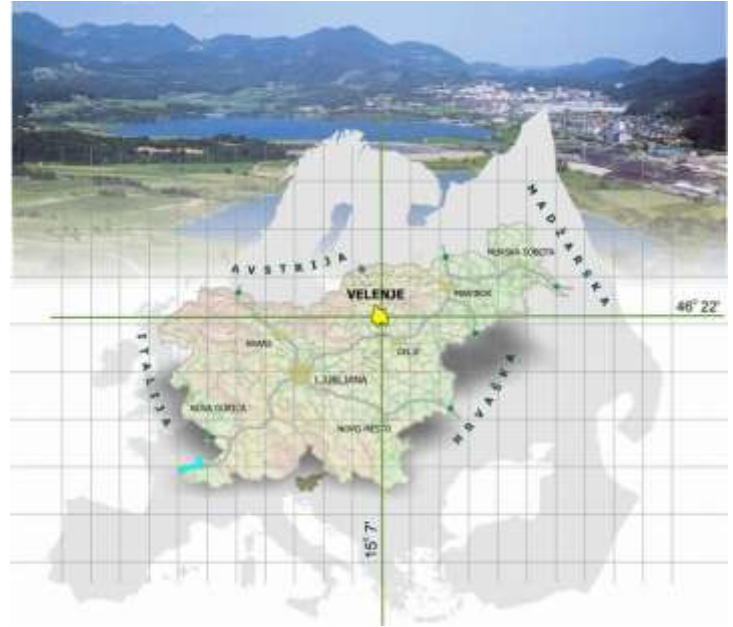


## Production program

**INDUCTIVE SENSORS**  
**CAPACITIVE SENSORS**  
**MAGNETIC REED SENZORS**  
**TEMPERATURE SENSORS**  
**AMPLIFIERS – POWER MODULS**  
**REGULATORS AND CONTROLLERS**  
**CABLE ASSEMBLING**



SLOVENIA

## Distribution program

**OPTICAL SYSTEMS FOR ELEVATOR INDUSTRY**  
(light curtain, 3D sensors, TOF sensors, safety light curtain, safety sensors ...)

**OPTICAL SYSTEMS FOR DOORS & GATES INDUSTRY**  
(light curtain, 3D sensors, TOF sensors, safety light curtain, safety sensors ...)

**OPTICAL SENSORS** (basic, advanced, vision...)

**OPTICAL SCENNERS** (sensing, RFID systems...)

**LASER SENSORS** (sensing, distance measuring...)

**PROCESS OPTICAL SYSTEM FOR AUTOMATION** (light curtains, sensors, controllers ...)

**SAFETY SYSTEMS FOR AUTOMATION** (safety light curtains, scanners, sensors, controllers ...)

**INDUSTRY SWITCHES**

**SAFETY SWITCHES**

**WIRELESS SWITCHES**

**GSM GATEWAYS M2M APPLICATION**

**COMMUNICATION DEVICES AND SYSTEMS**

**CONNECTORS, CABLE GLANDS, PROTECTION TUBES**

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## INDUCTIVE SENSORS:

- DC in metal or plastic housing .....
- AC in metal or plastic housing .....
- with extended operating distance.....
- for high temperature environment up to 125 °C.....
- 2-, 3-, 4-, wires NO or NC function.....
- analog output .....
- for use in cars or trucks industry.....
- AC/DC switches .....
- special custom made OEM sensors.....

## DIMENSIONS:

$\phi$ 4;  $\phi$ 6;  $\phi$ 8; M5; M8; M12; M18; M30; M47;  
M12; M18; M30;  $\phi$ 20;  $\phi$ 30;  $\phi$ 40;  
M8; M12; M18; M30;  
M8; M12; M18; M30;  
M8; M12; M18; M30;  
M12 /  $\phi$  33,5;  
M12; M18; M30;



**MADE IN SLOVENIA**

## CAPACITIVE SENSORS:

- DC in metal or plastic housing .....
- AC in metal or plastic housing .....
- special custom made OEM sensors.....

## DIMENSIONS:

M12; M18;  $\phi$ 20; M30;  $\phi$ 30;  $\phi$ 40;  $\phi$ 80;  
M18;  $\phi$ 20; M30;  $\phi$ 30;  $\phi$ 40;  $\phi$ 80;



**MADE IN SLOVENIA**

## MAGNETIC REED AND HALL SENSORS:

- for pneumatic cylinder .....
- 2-, 3- wires metal or plastic housing.....
- for windows and doors application.....
- for elevators.....
- for level liquid control.....
- upon custom demand .....
- magnets with various forms and strengths.....
- special custom made OEM sensors.....

## DIMENSIONS:

4mm; 5mm; 11mm;  
M5;  $\phi$  6; M8;  $\phi$  8; 25x50mm;  
 $\phi$  8,5 x17mm;  
 $\phi$  18 x71mm;  $\phi$ 12x90mm;  
M8 /  $\phi$ 24mm/42mm;



**MADE IN SLOVENIA**

## TEMPERATURE SENSORS

- PT 100 with cable PVC 105°C.....
- PT 1000 with cable PVC 105°C .....
- PT 100 with silicon cable 200°C .....
- PT 1000 with silicon cable 200°C .....
- NTC with cable PVC 105°C.....
- NTC with silicon cable 200°C .....
- KTY with PVC or silicon cable .....
- temperature range up to 400°C .....
- possibility with 2-, 3- and 4- wires .....
- special custom made OEM sensors.....

## DIMENSIONS:

$\phi$ 6x50mm,  $\phi$ 6x70mm, different cable length  
 $\phi$ 6x50mm,  $\phi$ 6x70mm, different cable length  
 $\phi$ 6x50mm,  $\phi$ 6x70mm, different cable length  
 $\phi$ 6x50mm,  $\phi$ 6x70mm, different cable length  
different shapes and design upon request



**MADE IN SLOVENIA**

## AMPLIFIER FOR SENSORS

- amplification of outputs signals on sensors.....
- for power supply EEx NAMUR sensors.....
- with function of time delays.....
- output signal 6A, 250V.....

## DIMENSIONS:

35x90mm;  
34x90mm; 70x90mm;  
70x90mm;  
34x90mm; 70x90mm;



**MADE IN SLOVENIA**

## CABLE ASSEMBLING

## MANUFACTURING ELECTRONIC CONTROLLERS

## OEM PRODUCTION

**PROGRAM**



**DIMENSIONS:**

**CONNECTORS**

- industrial connectors straight and angled type.....
- with cable PVC, PUR 2m, 3m, 5m, 10m.....
- connectors for PCB electronics.....
- cable distributors for 4, 6, 8 sensors.....
- heavy duty connectors, plugs, protective tubes.....

M5;M8; M12;...  
M5;M8; M12;...

54x73x25mm;



**PROGRAM**



**OPTICAL SENSORS AND ACCESSORIES**

- LED sensors.....
- laser sensors.....
- retro-reflex.....
- reflectors glass (up to 500°C) .....
- scanners for code bars (EAN, DATAMETRIX).....
- ultrasonic sensors.....
- color, contrast, luminescence sensors.....
- fiber optics.....

**OPERATING DISTANCE:**

1-10cm; 1-30cm; 1-60cm;  
 0,1-2m; 0,1-3m; 0,1-60m;  
 0,1-1m, 0,1-8m, 0,1-22m;  
 2mm; 25mm; 30mm;  
 0-100mm; 0-300mm;  
 $\phi$  20 do  $\phi$  84mm;  
 50-200mm; 50-300mm; 75-600mm; 50-1400mm;  
 0,1m - 8m;



**PROGRAM**



**POWER SUPPLY**

- power supplies different shapes - 48W.....
- power supplies different shapes - 120W.....
- power supplies different shapes - 240W.....
- power line converters with relay output for sensors with push/pull (NPN/PNP) output

**DIMENSION:**

93x78x67mm; DIN TS-35/7,5;  
 65x125x100mm; DIN TS-35/7,5;  
 125x125x100mm; DIN TS-35/7,5 ali 15;  
 80 x 72 x 33 mm;



**PROGRAM**



**SAFETY & AUTOMATION LIGHT CURTAINS AND CONTROLLERS**

- process light curtains .....
- safety light curtains SIL1, SIL2, SIL3 .....
- safety controllers SIL1, SIL2,SIL3.....
- safety relays SIL1, SIL2, SIL3.....
- safety scanners SIL1, SIL2, SIL3.....
- safety mats and edges SIL1, SIL2, SIL3.....

**DIMENSIONS:**

from 35mm to 5800mm  
 from 240mm to 2040mm

safety field 190°  
 different dimensions



**PROGRAM**



**OPTICAL SYSTEMS FOR ELEVATOR INDUSTRY**

- for personal and freight elevators.....
- 3D sensors with TOF technology .....
- slot type sensors.....
- TUV certified safety light curtains SIL2.....

**DIMENSIONS:**

1400mm to 2000mm  
 operating range 0,5m to 4,5m  
 1-, 3-, 5- beam  
 1630mm to 2500mm





**PROGRAM**



**OPTICAL SYSTEMS FOR DOORS & GATES INDUSTRY**

- light curtains for doors and gates.....
- 3D sensors with TOF technology .....
- optical sensors .....
- TUV certified safety light curtains SIL2.....
- TOF/spot sensor.....



**DIMENSIONS:**

- 762mm to 2000mm
- 0,5m to 4,5m
- operating range 3m
- 436mm to 2600mm
- operating range 3m



**PROGRAM Honeywell**

**SENSING AND CONTROL**

- micro switches
- limit switches
- pressure switches
- wireless switches
- rocker switches
- toggle switches
- key and rotary switches



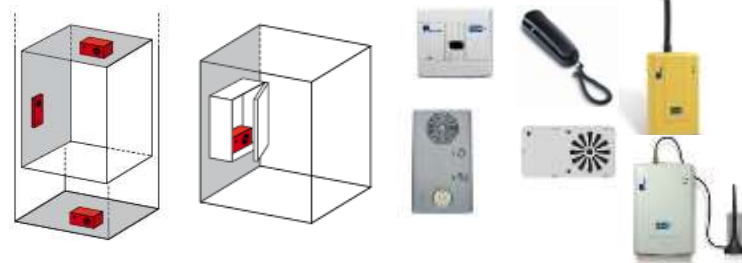
**PROGRAM Rockwell Automation**

**SAFETY SWITCHES FOR AUTOMATION**

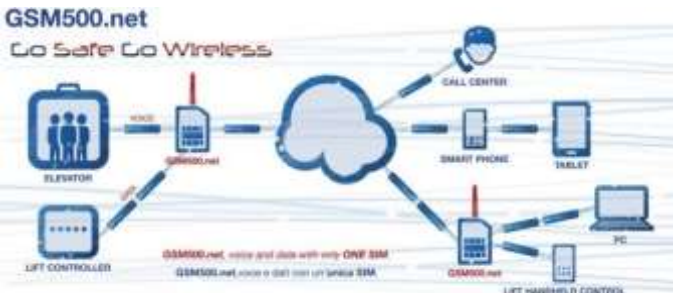


**COMMUNICATION SYSTEMS FOR ELEVATORS ACCORDING TO EN 81-80, EN 81-28, EN 81-70**

- auto dialers



- GSM gateways (m2m applications...)



**DISTANCE MEASUREMENT LASER SENSOR**



**EDS-C, DLS-C, FLS-C**

- distance measuring 30m...500m
- power supply 24 VDC;
- operating temperature: -10°C .... +50°C;
- connector M12 5-pin;
- analog output 0/4 - 20 mA;
- resolution 1mm, 1,5mm, 3mm



**PRESENT AND DISTANCE SENSING**



**CEDES TOF/spot**

- operating range from 0,2m to 3m;
- power supply 0..30 VDC/ 12 ... 24VAC;
- operating temp.: -40°C do +60°C;
- output: solid-state relay, NPN/PNP and 4-20mA;
- Cat. 2, PL C, SIL1;

