



**CONTROL &
AUTOMATION
PRODUCTS**

Think Automation and beyond...



Whether it is inside your panel...



Signaling Lights



OI Touchscreens



HMI + PLC



Emergency Stops



Product Categories

- LED Machine Lighting
- Automation & Sensing
- Safety
- Switching & Controls

800.262.4332

www.IDEC.com/usa

Switches & Pilot Devices



Safety Products



or your production line....

Signaling Lights



OI Touchscreens



Safety Products



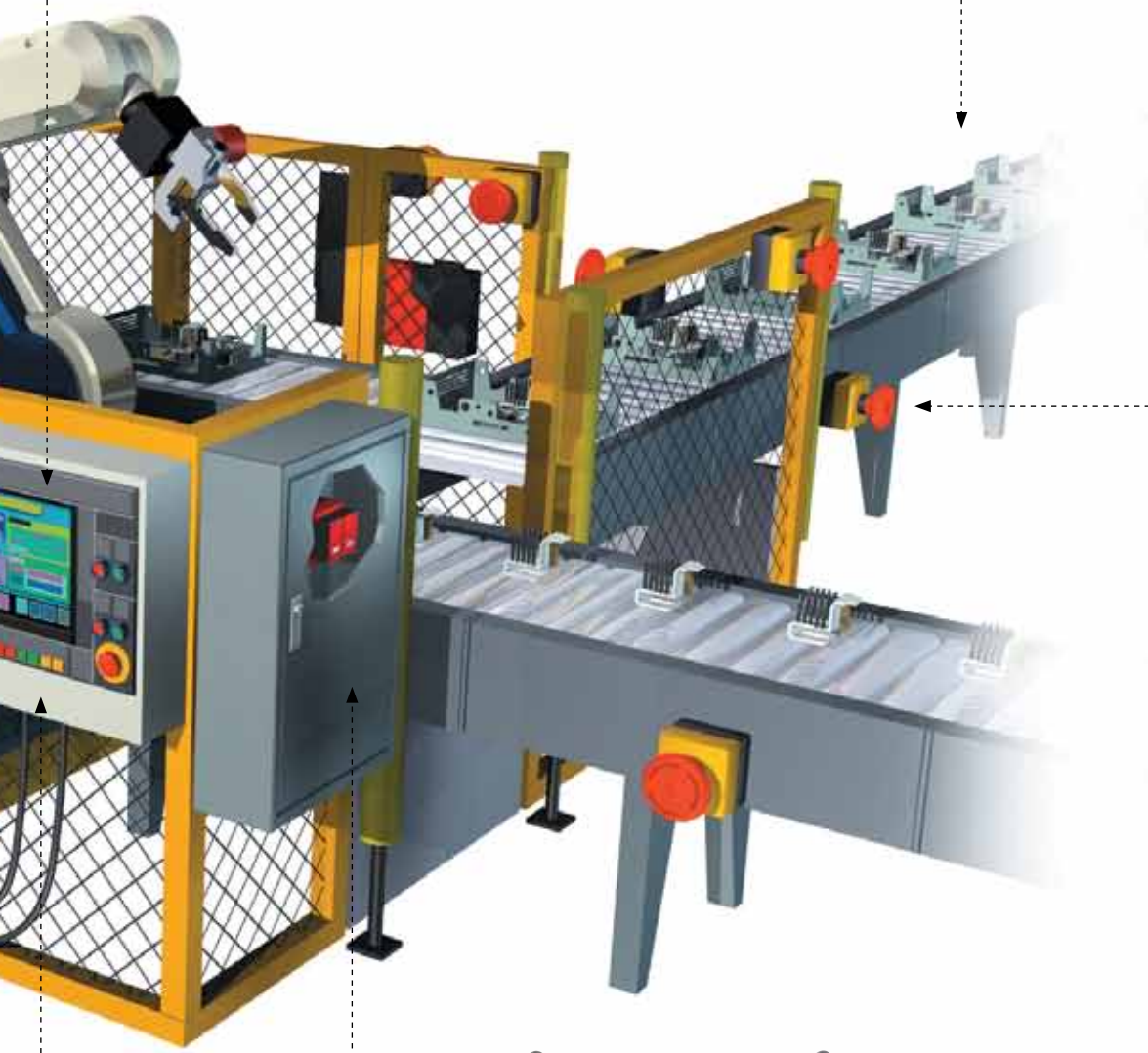
- Product Categories
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Switches



Sensors



Emergency Stops



Programmable Logic Controllers

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IDEC has the complete Control and Automation

LED Machine Lighting

Heavy Duty Machine Tool Lighting



- Wide range of sizes: 100mm to 510mm
- Brightest in their class at up to 67.2 Lumens/Watt
- Life: 70% of initial luminance at 50,000 hrs
- Standard or recessed mounting for lower profile
- IP67, IP67f & IP69K ratings

General Machine Lighting



- Six different lengths (134 to 1,080mm)
- Space saving: Width 27.5mm, Thickness 16mm
- Long life: Five times longer than fluorescent lamps
- Vibration and shock resistant

General Machine Lighting



- Energy saving: One-third of fluorescent lamps
- Long life: 40,000 hours (Half-life)
- Multiple sizes and color configurations
- Rated voltage up to 24V DC
- IP65 rating

Hazardous Location Lighting



- Explosion-proof LED illumination
- Two types of light distribution
- On/off switch for ease of operation
- Adjustable or fixed angle mounting

Automation & Sensing

OI Touchscreens



- Basic and high-performance models with wide range of connectivity
- Super-bright, sharp LCD screens
- Up to 65K colors supported
- Remote access, monitor and control plus multimedia

PLCs



- Fastest micro PLC in the market
- Maximum 512 I/Os
- Embedded Ethernet and USB ports
- All models meet the highest safety standards

Sensors



- Vision, application, universal photoelectric and proximity
- Variety of housing sizes, styles and functions
- High reliability and precision
- High-speed response times

Power Supplies



- Slim, standard or metal frame
- 7.5W, 10W, 15W, 25W, 30W, 50W, 60W, 75W, 90W, 100W, 120W, 240W & 480W
- Convenient mounting options
- Worldwide approvals



Safety

E-Stops



- 16mm, 22mm and 30mm
- Unique "safe-break action" technology
- Turn-reset and push-pull functions built-in
- Available in both plastic or metal bezel and finger-safe contacts

Interlock Switches



- Basic and solenoid locking models
- Subminiature to full-size models
- Up to 6 contacts
- Integrated cable or screw termination

Enabling Switches



- Ergonomic three-position functionality
- Variety of contact configurations
- DPDT contacts
- Available with or without rubber covers for watertight seal

Safety Relays



- EN ISO 13849-1 PL_e, Safety Category 4 compliant and EN 62061 SIL 3
- Removable and fixed terminal models
- LED status indicators
- Finger-safe protection

Switching & Controls

Switches & Pilot Devices



- 8mm, 16mm, 22mm and 30mm
- Illuminated pushbuttons, pushbuttons, pilot lights, selector switches and key selector switches
- Solder terminals, screw terminals or PC board pins for direct board mounting
- Metallic or black bezels, standard or flush mount models

Signaling Lights



- 360-degree visibility of status
- LED or incandescent lamp illumination
- Steady and flashing units with optional alarm
- Five mounting styles

Relays



- General purpose, PCB, latching, interface and force-guided models
- Contact ratings up to 16A
- Correlating sockets available
- DIN rail, panel or PCB mounting
- Hazardous locations rating (RV8H series)

Circuit Breakers



- Available in 1, 2 or 3 poles
- Current ratings up to 50A
- Standard and electronic time delay curves
- DIN rail, socket or panel mount options

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800.262.4332
www.IDEC.com/usa

www.IDEC.com

USA

IDEC Corporation
Tel: (408) 747-0550
opencontact@IDEC.com

Canada

IDEC Canada Ltd.
Tel: (905) 890-8561
sales@ca.IDEC.com

Australia

IDEC Australia Pty. Ltd.
Tel: +61-3-8523-5900
sales@au.IDEC.com

Japan

IDEC Corporation
Tel: +81-6-6398-2571
marketing@IDEC.co.jp

United Kingdom

IDEC Electronics Ltd.
Tel: +44-1256-321000
sales@uk.IDEC.com

Germany

IDEC Elektrotechnik GmbH
Tel: +49-40-253054-0
service@IDEC.de

Hong Kong

IDEC (H.K.) Co., Ltd.
Tel: +852-2803-8989
info@hk.IDEC.com

China/Beijing

IDEC (Beijing) Corporation
Tel: +86-10-6581-6131

China/Shanghai

IDEC (Shanghai) Corporation
Tel: +86-21-6135-1515
idec@cn.IDEC.com

China/Shenzhen

IDEC (Shenzhen) Corporation
Tel: +86-755-8356-2977

Singapore

IDEC Asia Pte. Ltd.
Tel: +65-6746-1155
info@sg.IDEC.com

Taiwan

IDEC Taiwan Corporation
Tel: +886-2-2698-3929
service@tw.IDEC.com

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