



INDUSTRIAL MANUFACTURING

Technological advancements, consumer behaviour and regulatory challenges are changing the landscape of the manufacturing industry.

RS are here to help you navigate the exciting opportunities and keep your processes running smoothly.



au.rs-online.com/manufacturing

KEEP
YOUR
BUSINESS
RUNNING

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An Electrocomponents Company.

Solutions for the Industrial Manufacturing industry.

Manufacturing is a vital part of the Australian economy. It is Australia's seventh-largest industry for employment and sixth largest for output. More recently, the industry also played a critical role in supporting the COVID-19 health response, with Australian manufacturers quickly pivoting to produce and deliver Personal Protective Equipment (PPE) and essential medical equipment as global supply chains were impacted and shortages transpired across the globe.

RS are here to help you keep up with the pace of developments and face the future of the industry.

And we know you have better things to do than worry about your order being safe and compliant.

No matter where you are, we ensure your products get delivered as efficiently and carefully as possible.

Leave the how to us.

Visit our Manufacturing Industry Hub Online for the Latest Products, Ideas & Advice and more industry resources.

 au.rs-online.com/manufacturing



Order online 24/7.

We are here when you need us

Committed to you.

We understand the important role our solutions and products play in helping you achieve your goals, that's why your dedicated account manager is here to support throughout your journey with RS.

Brands you know and trust.

RS Components is your one stop distributor for electrical, industrial, automation & control gear, electronics, test & measurement, safety and more - with over 600,000 products from more than 2,500 leading global suppliers including RS PRO, Fluke, TE Connectivity, Phoenix Contact, Schneider, Siemens, ABB, Omron, Harting and more.

Fast, flexible delivery options.

From next working day to call off and consolidated delivery, we've a range of flexible delivery options to suit you. Free delivery available.*

Our knowledge is your power.

When you need specialist advice, think of our technical experts as part of your team. They're poised with extensive knowledge of our products and specifications to help you make the best choice.

We offer easy access to product support resources online or by phone. Speak to a live chat member on our website for help in finding products or other technical information. Or take a look at our technical data sheets which are available at product level. This can help save time, allowing you access to technical information 24/7.

Best in class eCommerce experience

For a more efficient process for your industrial and electronics product procurement, we have a service to fit your business requirements. From web-based and mobile ordering through to integrated procurement solutions. Ask us about our **Purchasing Manager, PunchOut, Invoicing & eOrdering** solutions today.

 au.rs-online.com/services



DESIGNSPARK

Free, easy to learn and use professional CAD software

www.designspark.com

Our award winning software is absolutely free to download and use, and always will be. Whether you are a professional engineer, hobbyist or a maker, our range of CAD tools are the perfect addition to your design arsenal. Backed up by a huge library of CAD models, the interactive BOM interface saves you time and money when designing and costing your project.

For a quick overview and to find out more about DesignSpark, visit whatisdesignspark.com

I GO FROM
3D CONCEPT
TO REALITY
IN NO TIME



Helping Keep The Manufacturing Industry Moving

The manufacturing sector has been experiencing many changes over the last few years.

The Australian manufacturing sector produces everything from furniture to footwear.

RS Components have supported a wide range of manufactures around the world with market leading Electronics & Electrical components offer for decades, giving them access to the latest products as well as design tools and procurement solutions.

We are confident that RS can help the Australian manufacturing sector thrive and maintain it's competitive edge in the growing global market, and will continue to develop our offer of products and services to meet the needs of the industry.

Maintenance Cost Reduction

Having machinery fully operational in industry is paramount. The machinery's warranty often covers replacement parts over the initial lifespan, but once outside, the mix of usage of component brands across the production line creates a purchasing difficulties and additional maintenance cost.

Solution: With the support of various key brands, RS can help you to consolidate the brands used within your machinery and offer advice and how machine reliability and productivity can be improved.

Other Common Industry Requirements

We believe that across the industry there are some common challenges and requirements that RS can help support and address:

➤ Reducing Downtime

Unplanned downtime due to equipment failure can be very costly in terms of both lost time and production output, and materials wastage.

Solution: Undertaking regular inspections of parts using non-intrusive tools, such as infra-red thermal imagers and vibration analysers or monitoring and control relays can help you detect and predict issues before they lead to failure. RS can provide advice on the right solution for your application.

➤ Re-working existing application or design

There is often a requirement to re-work designs for a new customer, or re-task existing machines for the production of a new part or assembly.

Solution: RS provides FREE access to its DesignSpark suite of software design tools. This now includes 3D mechanical design, Electrical design and PCB design. All the tools are free to download, activate and use. Find out more online at www.designspark.com

➤ Energy Management

Knowing how much electrical energy is used by different parts of your process will enable energy efficiency measures to be implemented.

Solution: Local Power Monitoring. RS has a range of kWh power meters which can be easily retro-fitted to provide a local indication of power usage. The range includes a variety of capabilities from simple local kWh measurement to power factor & data logging capability. The RS offer also includes a comprehensive range of energy efficient solutions such as IE2 motors, variable speed drives, and low energy lighting.



DesignSpark Mechanical is the first free and fully-functional 3D design package to feature intuitive Direct Modelling techniques and give you access to 100 million existing 3D models. Easy-to-use and easy-to-learn, our unique 3D modelling software shortens the time between having an amazing idea and creating prototype designs.



Take electronics design to a whole new level and join over 250,000 registered DesignSpark PCB users benefiting from powerful features for schematic capture and PCB layout. Professional, accessible and fully-featured, our free and unrestricted PCB design software helps you rapidly prototype so you can make your world-changing ideas a reality.



NEW
now available
for android

There's a great set of useful 'tools' in the Toolbox App. Including the ability to scan RS Barcodes and order directly from within the App, electronic design calculators, lookup tables and get regular news updates and more. So try the Toolbox App now for iOS, Android and Windows desktop devices.



DesignSpark Electrical provides a powerful and comprehensive range of professional CAD capabilities, allowing you to complete designs in a fraction of the time and building accuracy and precision into your end-to-end design process.

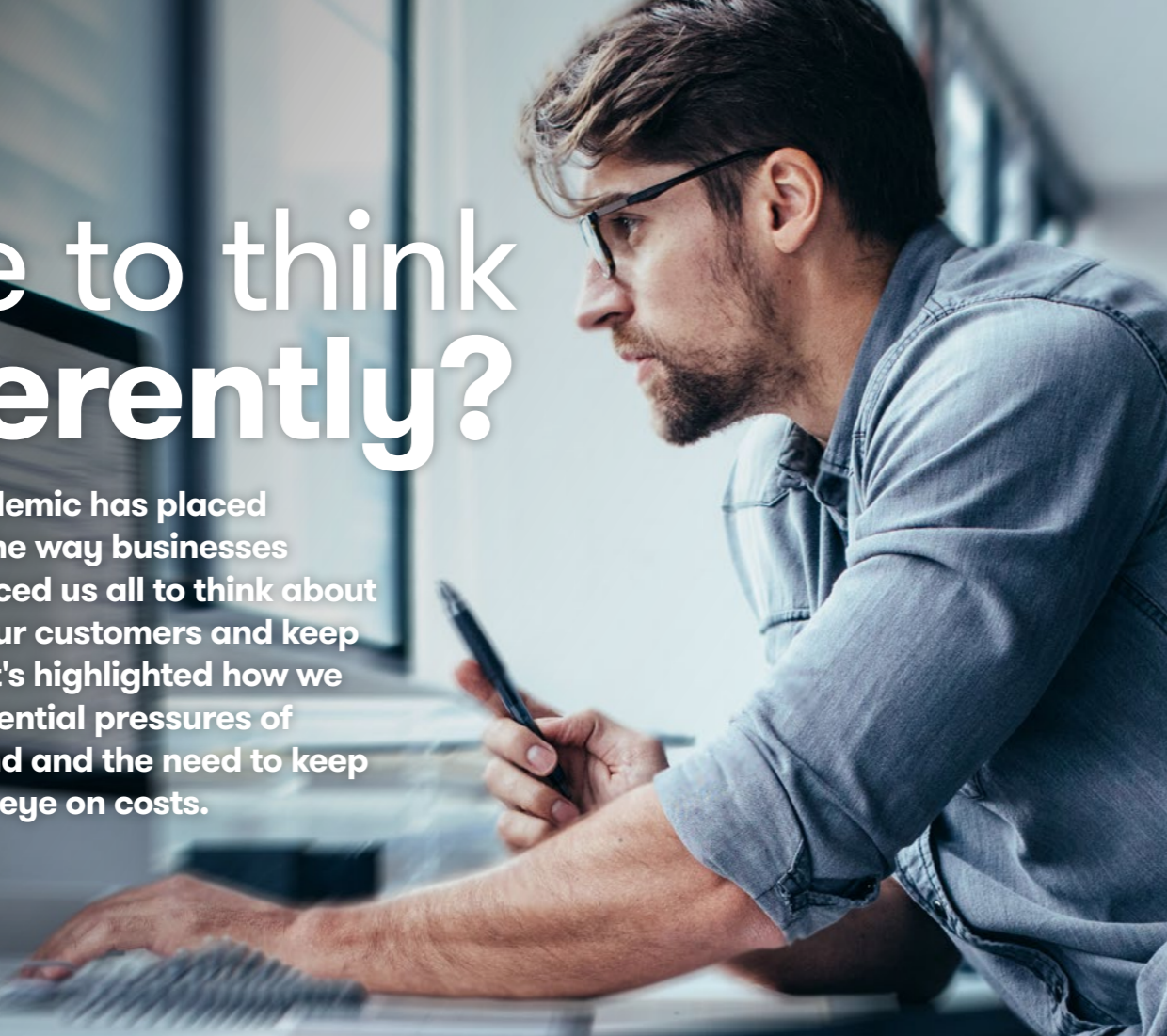
brought to you by





Time to think differently?

The global pandemic has placed a spotlight on the way businesses operate. It's forced us all to think about how we serve our customers and keep our staff safe. It's highlighted how we react to the potential pressures of reduced demand and the need to keep an even keener eye on costs.



We want to support you with these challenges. We can help you spot opportunities to do things differently and create tangible time, labour, cost and energy savings.

We can help streamline your business processes and remove headaches and costs, with our managed and value added services.

Our product solutions can help you save money, time or reduce effort, without compromising on performance.

Ideas to reduce costs and boost productivity

Consolidate spend – Don't shop at five different places when you can shop at RS. This reduces internal costs and potentially avoids costly delivery charges, which add up. Can't find a product on our website? Use our **ProductPlus** service.

RS Product Plus

RS Product Plus is an exclusive service for customers looking to consolidate their spend. Our specialist team can support your requirements and help you source products not published on our website. Using our expertise and relationships with over 2,500 key manufacturers, we provide access to over a million products. We will also let you know if we find an alternative product offering extract functionality or value for money benefits.

Buy to a price, buy twice? – **RS PRO** offers you great value without compromising on quality or performance. So you can save with confidence.

Work smarter, save time – Speed up tasks or eliminate them completely with our time and labour-saving products.

Clever purchase management – **RS PurchasingManager™** empowers your teams to find & buy what they need, while providing complete control over spend.

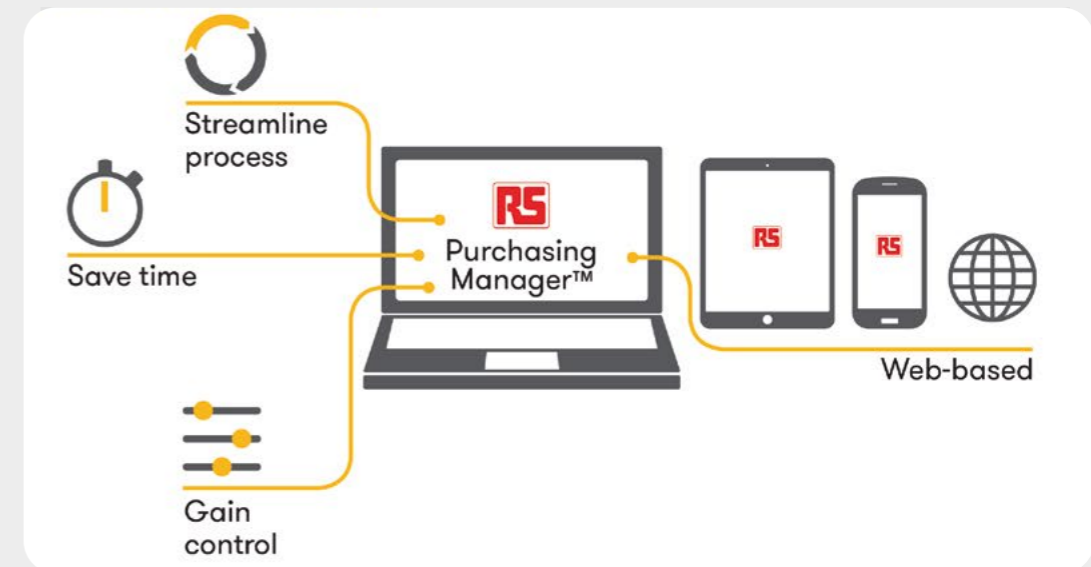
Be energy efficient – Know what you're using where, control it better and save energy with more efficient products.



RS Purchasing Manager®

Streamline your processes, gain control & reduce costs

Conventional procure-2-pay processes are often ineffective for indirect materials; attracting many hidden costs, creating delays, and using valuable internal resources.



With RS Purchasing Manager®, our web-based order management and procurement system, you can gain control of spend and save time.



Ease of ordering - Find what is needed quickly, with simple ordering processes that allow your people to focus on critical activities



Remote Access - With many key organisations facing enhanced numbers of remote and field workers, ordering and approval activities need to be easy and flexible



Visibility & Control - Managing capital is important – businesses need rapid access to items without compromising balance sheets



Social Distancing - To help prevent the spread of Covid-19, updated processes and limiting human interactions are essential

To find out more click here or call your RS Account Manager to discuss these services



A Future Facing Pact

The costs associated with procurement can grow as a company grows.

A circular economy is a systemic approach to economic development designed to benefit businesses, society, and the environment. It is regenerative and aims to gradually decouple growth from the consumption of finite resources.

Since 2002, the Pact Group has been a driver of the circular economy through reuse, recycling and packaging solutions. The Pact Group employs over 6000 people and has over 8000 customers. They are an ASX listed company that is the largest provider of returnable produce crates in Australia and New Zealand. Their annual product output is approximately 11 billion units. It is a future facing company that is constantly evolving to find ways to grow business whilst lowering the footprint businesses place on the environment.



Their contribution to the circular economy involves three divisions within the company. Pact Packaging works with companies of all sizes to create recycled packaging solutions. Industries include dairy, FMCG, health and personal care, and industrial. With 110 operating sites globally, and a commitment to the inclusion of 30% of recycled material in their packaging, they lead the field in sustainability in their category.

Pact Reuse has created a solution to single use packaging, and works with major food producers and supermarkets to help them reach their sustainability goals. They have replaced 150 million single use boxes with 5 million plastic crates. They also recycle many millions of clothing hangers and manufacture waste bins for councils.

Pact Recycling is at the cutting edge of plastics recycling and partners with governments to maximise the reuse of waste. The output of this feeds the other two divisions.

Have committed to 30% recycled material
Working with customers to develop recycled solutions.

Largest plastics recycler in Australia and New Zealand.
14 recycling and reconditioning facilities
JV with Cleanaway and Asahi to build recycling facility that will increase Australia's locally sourced and recycled PET by two-thirds (from around 30,000 tonnes to more than 50,000 tonnes a year)

Collection of post industrial plastics from small to mid size industry.
Collaboration with Cleanaway for collection and processing of post consumer plastic waste.



More than 110 operating sites across 15 countries
Manufacturing many different packaging products.
Supporting customers in the following industries:
- Dairy & Beverage
- Fresh Food
- Processed Food
- Health & Personal Care
- Household & Industrial

Manufacture and supply of mobile garbage bins to households for councils across Australia.

Solutions that meet the growing need for alternatives to single-use packaging.
Best in class produce crate pooling platform with a leading position in Australia and New Zealand.

Leading position globally in garment hanger reuse services.
Leading provider of drum and IBC reconditioning services in Australia and New Zealand.

Procurement Impact

Pact has grown through acquisition. This presents challenges for the business as each site it acquired had its own legacy suppliers and procurement systems, with little data around spending patterns. This created inefficiencies across the business and ultimately cost the company time and money. These circumstances certainly applied to Pacts MRO procurement where they were purchasing a multitude of products across numerous suppliers. This made standardisation and site level compliance problematic, and economies of scale difficult to achieve, as managing pricing across a vast number of SKUs was challenging and pre-negotiated pricing benefits were non-evident.

By onboarding RS Components, Pact has moved away from manual procurement processes with its associated inefficiencies to a centralised automated replacement. RS Components eProcurement system allows for detailed analysis around MRO spending, which creates value for Pact. This approach means

that spending across each site is visible, it eliminates leakage on a sitewide basis which means that Pact now enjoys standardised pricing and discount levels on SKU's across all sites nationally allowing for continuity around pricing.

Responses to procurement inquiry are now down to 1 day, and as RS Components eProcurement system is predictive, it can ensure that stock is available in localised warehouses as opposed to being housed in its UK headquarters. This means that Pact enjoys faster access to stock with delivery times cut from an average of 7 days down to 1. All this has led to significant savings for Pact, with further benefits as the system is further refined.

The Pact Group and RS Components have formed a partnership that will streamline Pact's MRO procurement, delivering efficiencies around purchasing, fulfillment, and sales analysis. This will further Pact's objective of driving the circular economy.



On behalf of RS Components, I would like to express how excited we are to be partnering with PACT Group for all their MRO requirements across their operations.



Scott Philbrook, Managing Director
RS Components ANZ



KEEP YOUR PRODUCTION MOVING & IMPROVING

FOR PROCESS MAINTENANCE AND UPGRADES, WE'RE BY YOUR SIDE

Browse & Shop Our HUGE Range Online au.rs-online.com/manufacturing



Facilities Cleaning & Maintenance

Essentials to keep your work space and equipment to the highest of hygiene standards.



Sensors

Our market leading range of factory and process automation sensors and transducers includes presence, proximity, temperature, pressure, flow and more.



PLCs & Process Control

From logic controllers & HMIs to temperature control and signal conditioning we've got the product technologies and brands to help keep your production line running 24/7.



Personal Protection Equipment & Workwear

Selecting the right PPE means fit, comfort and productivity aren't compromised. From gloves to safety boots and face masks to safety glasses, we can help.



Test Equipment & Calibration

Essential instruments for troubleshooting, and to help ensure processes are operating within specification. Our in-house calibration service provides confidence on new and existing equipment accuracy.



Tools

Does your workshop have the right tools you need to get the job done quickly and effectively?



Lighting

Save energy and reduce maintenance time with LED lighting. Our extensive range covers all aspects of external, internal and machine lighting.



Circuit Protection & Distribution

Power distribution and circuit protection are vital for the safe and reliable operation of any manufacturing site.



Machinery Safety

Whatever safety system you are maintaining or improving we can help with the widest stocked range of machinery safety components in the market.



Control & Switchgear

Crucial components in any control system. Contactors, relays, MPCBs and pushbuttons are electrical components which can fail without obvious signs of wear, causing unforeseen downtime.



Cable & Connectors

Cables, wiring, connectors and cable management from the leading brands, meeting the needs of challenging environments.



MANUFACTURING INDUSTRY PRODUCT HIGHLIGHTS

Telemecanique Sensors Safety Switches

The 56 Series Chemical Resistant Grey range has been specifically designed for indoor food environments where aggressive alkali/caustic cleaners are used, such as dairies, abattoirs and food processing plants.

Search **'XSCCA Safety'** at RS Online



Telemecanique
Sensors

Harmony Range by Schneider Electric

Harmony operator interface and industrial relays enhance operational efficiency and equipment availability across industrial and building applications. Harmony includes intelligent connected products and edge terminals that visualise, gather and process data, enabling informed operator decisions.

Search **'Harmony'** at RS Online



Schneider
Electric

Fluke ii900 & ii910 Industrial Imagers

Quickly find compressed air, gas and vacuum leaks- the invisible energy thief. The first industrial acoustic camera that turns sound waves into real-time images, to accurately pinpoint leaks at a glance.

Search **'ii9'** at RS Online



FLUKE

CPC Series 1 Industrial Circular Connectors

CPC series 1 cable or panel mount connector permit the use of multiple combinations of signal and coaxial circuits in the same housing by accepting durable Multimate contacts. From 4 thru 37 positions.

Search for **'CPC 1'** at RS Online



TE

LOGO!8 From Siemens

LOGO! is the ideal entry point to automation projects: It supports you with simple, intuitive engineering, numerous interfaces, lots of learning materials, and free demo software.

Search for **'LOGO!8'** at RS Online



SIEMENS

TRIO DIN Power Supplies

The TRIO Industrial Power Supplies offer a complete range of rugged AC to DC and DC to DC Converters built to meet the high stability and efficiency expectations of industrial, machine automation and process control environments.

Search **'TRIO DIN PSU'** at RS Online



PHOENIX
CONTACT

Industrial Switchgear

The 56 Series Chemical Resistant Grey range has been specifically designed for indoor food environments where aggressive alkali/caustic cleaners are used, such as dairies, abattoirs and food processing plants.

Search **'Clipsal 56 Grey'** at RS Online



CLIPSAL
by Schneider Electric

RS PRO Facilities Maintenance

A range of Food Processing Safe cleaners & lubricants available from Ambersil, including greases, penetrating oils, multi-purpose cleaners and degreasers all NSF registered and suitable where food contact may occur.

View the **RS PRO** range at RS Online



RS
PRO

Stainless Steel Photoelectric sensors

M18 photoelectric sensors with a high grade stainless steel housing sealed to IP69K. Ideal for wash-down applications in the Food & Beverage industry, and approved for use with Ecolab and Diversey industrial cleaners.

Search **'E3FC'** at RS Online



OMRON

Kimberly Clark Washroom Supplies

From office buildings, schools, hotels, healthcare facilities and food preparation areas to laboratories, processing plants and manufacturing environments, together RS & Kimberly-Clark Professional® are here to support you with products and solutions to create a safer, healthier and more productive workplace.

Search for **'Kimberly Clark'** at RS Online



Kimberly-Clark
PROFESSIONAL

3M Electrical Tapes

It's the brand you can count on to complete everyday jobs quickly and reliably. There's a 3M solution that will help you mark, protect, seal, repair, attach & much more. Keep these popular products on hand for everyday jobs from clean-ups to emergency fixes.

Search for **'3M Electrical'** at RS Online



3M

Harting ix Industrial Connectors

Standardised according to IEC 61076-3-124, this newly developed Ethernet interface sets a new standard in terms of robustness. As a result, the HARTING ix Industrial® has the potential to replace the RJ45 in use today since it represents a robust, miniaturised Ethernet interface.

Search **'Metal Content Ties'** at RS Online



HARTING

Blundstone Safety Boots

Blundstone safety boots offer outstanding comfort without compromising on protection. Often made for specific conditions, safety boots are all about hardcore features that are built around keeping feet secure - in all kinds of environments.

Search for **'Blundstone'** at RS Online



Blundstone

KEY TECHNOLOGY SENSORS

Our market leading range of factory and process automation sensors and transducers includes pressure, proximity, temperature, pressure, flow and more.



M8, M12 and M18 Inductive Sensors

- LED status display
- Plastic body
- Operating temperature range -25° → +70°C
- Reverse polarity and short circuit protection (dc types only)
- Flush or non flush mount versions



444-3293	M18 x 1, PNP	XS618B1PAM12
324-1226	M8, SR 2.5MM, PNP, 2M	XS4P08PA340
324-1248	M12, SR 4MM, PNP, 2M	XS4P12PA340
324-1254	M12, SR 4MM, PNP, M12	XS4P12PA340D
324-1311	M18, SR 8MM, PNP, 2M	XS4P18PA370
609-7331	M18, SR 15MM, PNP, 2M	XS4P30PA370
609-7230	M18, SR 5MM, PNP, M12	XS1M18KP340D
609-7280	M18, SR 8MM, PNP, 2M	XS4P18KP340
772-9874	M18, SR 20MM, M12, SS	XS918R4PAM12

E3S-DB Transparent Object Sensor

- E3S-DB sensor provides most reliable detection of all kinds of transparent objects such as PET bottles, glass bottles or transparent trays
- Choice of Smart Teach enabling fast set up or trimmer sensitivity adjustment
- Narrow beam types detecting smallest gaps
- Proven for environments in the Food & Beverage industry



831-5971	0.7m, PNP, M12, Smart Teach	E3S-DBP22 OMS
831-5969	4.5m, PNP, M12, Smart Teach	E3S-DBP21 OMS
831-5975	0.7m, PNP, M12, Trimmer Adj.	E3S-DBP22T OMS
831-5978	4.5m, PNP, M12, Trimmer Adj.	E3S-DBP21T OMS

OsiSense XMLA Pressure Switches

- Are used to control the pressure of hydraulic oils, fresh water, sea water, air, steam, corrosive fluids, or viscous products.
- The XMLA pressure and vacuum switches have a fixed differential and are for detection of a single threshold.
- Fixed differential
- External pressure setting window available
- 1 NO & 1 NC snap acting contacts
- Temperature range: -25 to +70 °C
- Enclosure rating: IP65 with plug-in connector, IP66 with terminal connections
- Operating rate: up to 120 operations / min. for diaphragm and 60 / min. for piston



361-3413	10-160BAR M20	XMLA160D2S12
361-3429	20-300BAR M20	XMLA300D2S12

W2S-2 Series Photoelectric Sensors

- WTB2S-2 miniature photoelectric with PinPoint LED for rugged and reliable detection of all object types
- Choice of diffused background suppression, retro-reflective or through-beam - with sensing ranges up to 2m
- All sensors have PNP output and 10-30Vdc supply, retro-reflective sensors can use a range of reflectors - see 265-2754



842-8572	WTB2S-2P1330
842-8560	WTB2S-2P3130
842-8585	WTB2S-2P1360
842-8579	WTB2S-2P3160

KEY TECHNOLOGY PLCS & PROCESS CONTROL

From logic controllers & HMIs to temperature control and signal conditioning we've got the product technologies and brands to help keep your production line running 24/7.



SIRIUS Touch Screen HMI Displays

- Integrated system diagnostics
- Can be configured using WINCC comfort
- Resolution is 800 x 480 pixel



864-3970	TP700 Comfort 7" -	6AV2124-0GC01-0AX0
864-3961	KTP700 Basic -	6AV2123-2GB03-0AX0

ControlMaster Controllers & Indicators

- Panel mount 1/8, 1/4 and 1/2 DIN process controllers that are more intuitive, easier to operate and feature packed
- Offering a full-colour TFT display giving a crystal clear view of the process with IP66 facia sealing
- Suitable for basic to demanding applications, PID functionality includes cascade, feed forward, adaptive, predictive and ratio control strategies



736-2829	Indicator, CM15, 96x48, 100-240Vac
736-2838	Controller, CM10, 48x96, 100-240Vac
736-2831	Controller, CM30, 96x96, 100-240Vac
736-2835	Controller, CM50, 76x144, 100-240Vac

CP2E Compact PLCs

- A Micro PLC for compact equipment where Price/Performance ratio is a key, while supporting data collection and Machine-2-Machine communication
- 'E' entry level models offer optional serial or Ethernet comms, while 'N' level offer integrated Ethernet 1/2 ports
- 'N' & 'S' level both have options for 2 or 4 axis positioning control with linear interpolation - ideal for pick/place and packaging machinery



196-3743	8 in, 6 out relay - CP2E-E14DR-A
196-3745	12 in, 8 out relay - CP2E-E20DR-A

TRIO DIN Power Supplies

- Compact, high reliability DIN rail power supplies for industrial control & automation use
- Options available with 12Vdc, 24Vdc & 48Vdc outputs and 1 & 3-phase inputs from 60W-960W
- Adjustable DC output and LED status indication



883-7374	24Vdc, 3A, 85 → 264Vac 1ph input	2903147
883-7352	24Vdc, 5A, 85 → 264Vac 1ph input	2903148
883-7364	24Vdc, 20A, 85 → 264Vac 1ph input	2903151



KEY TECHNOLOGY CONTROL & SWITCHGEAR

Crucial components in any control system. Contactors, relays, MPCBs and pushbuttons are electrical components which can fail without obvious signs of wear, causing unforeseen downtime.



AF Series Contactors

- Designed to increase operational uptime and reduce parts inventory for both machine builders and maintainers
- The electronically controlled coil offers benefits over conventional alternatives including wider operating range, AC & DC operation and lower current consumption
- Built-in suppression with connection sets and interlock unit for reversing and star-delta starting are available - 3 pole variants listed



711-6240	4kW 12-20DC NO
711-6073	4kW 24-60AC 20-60DC NO
711-6118	4kW 100-250V AC/DC NO
711-6130	4kW 250-500V AC/DC NO
711-6244	5.5kW 12-20DC NO
711-6076	5.5kW 24-60AC20-60DC NO
711-6111	5.5kW 100-250VAC/DC NO
711-6133	5.5kW 250-500VAC/DC NO
711-6070	7.5kW 24-60AC20-60DC NO
711-6115	7.5kW 100-250VAC/DC NO
711-6137	7.5kW 250-500VAC/DC NO

DIN Mount Patch Panels

- DIN rail mounting RJ-45 patch panels suitable for 10/100/1000 Mbps data usage, available with and without surge protection
- Suitable for use with Profinet & Modbus TCP automation networks as well as Ethernet



175-6031	2 x RJ-45	2703015
175-6032	1 x RJ-45 to screw terminals	2703016
175-6033	1 x RJ-45 to push terminals	2703018
175-6034	1 x RJ-45 to IDC terminals	2703019
175-6035	2 x RJ-45, surge protected	2703020
175-6036	1 x RJ-45 to screw terminals, surge protected	2703021
175-6037	1 x RJ-45 to push terminals, surge protected	2703022

Schneider Electric 24 V ac/dc Safety Relay

- Single channel safety relay output provided with 3 N/O safety relay outputs plus 1 solid-state output PLC signalling
- Monitoring of single safety functions, providing an automated solution for use with applications such as emergency push stop buttons or switches
- Slim in design, meaning it can fit nicely even in space constraint spaces



447-4477	3 Safety Contacts 1 Auxiliary Contact	XPSAC5121
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D3 Series Microswitches

- Reliable Basic Switch with External Lever
- Available by 0.1 A, 6 A, 11 A, 16 A and 21 A models, all with self-cleaning contacts. 0.1 A utilizes gold alloy crossbar contacts for high reliability at low loads.
- Available with internally or externally fitted levers, and 2 fixing positions for external levers



682-2503	SPST-NO - D3V-16-3C5
682-2370	SPDT-NO/NC - D3V-16-1C25

KEY TECHNOLOGY MACHINE SAFETY

Whatever safety system you are maintaining or improving we can help with the widest stocked range of machinery safety components in the market.



ABB Panel Mount Emergency Button

- Modular Emergency Stop
- Mushroom 40mm
- Red - Non-illuminated



757-8897	Twist to Reset	1SFA611523R1001
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General Purpose Momentary Foot Switch

- Single pedal foot operated switches
- Durable and reliable with steel housing for long life
- Incorporates non-slip base pad and footpad



031-6901	SP-CO, 3 A Contact Current, 250V Contact	316901
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ER Cable Switch With E-Stop

- Long rope spans up to 80m means fewer number of switches required per application
- Tension indicator makes the system easy to set up and to maintain the proper rope tension
- IP67 (NEMA 6) enclosure enables the switch to withstand water wash down cleaning



757-9106	40m, NO/2NC, Straight	ER5018-021ME
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IPS Series Emergency Stop Foot Switch with Cover

- Snap action switch with cover
- Visible operation
- Electrically separated contacts



825-1720	Momentary Contacts, NO/NC	IPSY1A11
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Harmony XVU Modular Tower Lights

- The innovative Harmony XVU range of Ø 60 mm tower lights and sounders offers multiple lighting patterns, mounting flexibility, modern aesthetics, and unrivalled brightness.
- IP65 and IP54 protection ratings for sounders
- Ultra-bright LED with 360° visibility
- 6 colors with 4 light patterns: steady, flashing, blinking, and rotating



881-2797	LED Beacon Green, Steady Light Effect	XVUC23
881-2791	LED Beacon Red, Steady Light Effect	XVUC24
881-2832	Beacon Tower Terminal Unit	XVUC218
881-2823	Buzzer	XVUC9S



More Products, More Value

Our RS PRO range keeps growing to bring you even more choice in great value, quality products, available next day.



AUDITED

In compliance with industry standards

INSPECTED

By leading engineers



QUALITY

We rigorously test every part against demanding industry standards.

The RS PRO Seal of Approval
a Sure Sign of Quality



TESTED

For guaranteed quality and performance



VALUE

We price our products competitively.



CHOICE

We continuously expand our range.

RS PRO products are audited and certified against demanding international standards, inspected for durability and consistency and tested by leading engineers.

Only when products have been through this process are they awarded our seal of approval, quality that can be trusted.

Confidence in this process is reflected in our enhanced product warranties, proof that our products will consistently deliver the performance you expect for a long time to come.

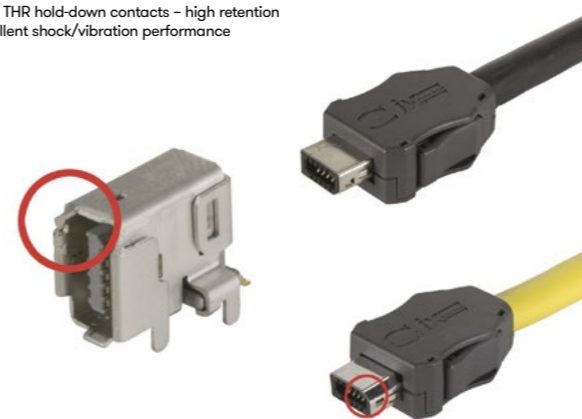
KEY TECHNOLOGY CABLES & CONNECTORS

Cables, wiring, connectors and cable management from the leading brands, meeting the needs of challenging environments.



ix-Industrial®

- RJ45 performance in 70% less space - reduced PCB real-estate, increased stacking density
- Positive snap-in mating feature - robust metal construction provides effective audio confirmation of connection
- 5-point PCB THR hold-down contacts - high retention force & excellent shock/vibration performance



178-4192	Type B cable connector with solder termination
178-4193	Type B cable connector with IDC termination
178-4195	Female PCB connector
178-4180	Type A cable connector with solder termination
178-4182	Type A cable connector with IDC termination
178-4184	1m cable assembly

Buccaneer Standard Sealed Power Connectors

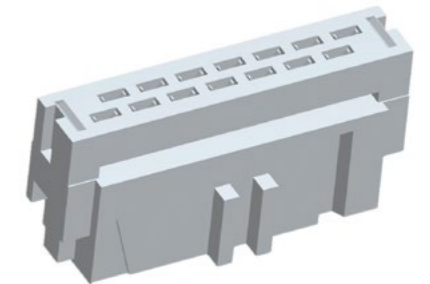
- IP68
- UL94HB Housing
- Insulation Resistance of >10⁴ MΩ @ 500 V dc



275-5342	Screw terminal plug	PX0745/P
275-5364	Screw terminal socket	PX0745/S
275-5392	Inline coupler plug	PX0746/P
275-5409	Inline coupler socket	PX0746/S

14-Way IDC Connector Socket

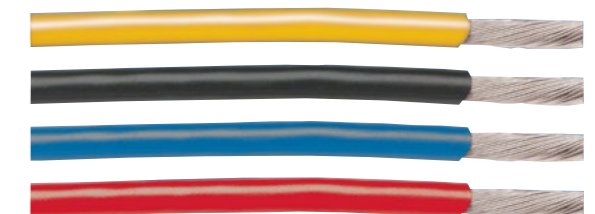
- For 1.27 mm (0.05 inch) pitch ribbon cable.
- These female socket connector contacts mate with 0.64 mm (0.025 inch) square or round posts with 6.22 mm (0.245 inch) max. and 4.45 mm (0.175 inch) min. lengths which could have been previously soldered into the PCB.



189-5879	2-Row	1-215915-4
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Metric EcoWire®

- Metric EcoWire® saves space in your critical applications where space is at a premium
- Zero-halogen, no phthalates or heavy metals
- 600V cable that is 45% smaller and 40% lighter
- Examples shown. Full range available on the RS website



201-2704	67025 BK033 0.25mm ² black 100m
201-2731	67025 RD033 0.25mm ² red 100m
201-2740	67050 BK321 0.5mm ² black 50m
201-2761	67075 BK321 0.75mm ² black 50m
201-2663	67010 BK321 1mm ² black 50m
201-2689	67010 RD321 1mm ² red 50m

KEY TECHNOLOGY

TEST & MEASUREMENT

Essential instruments for troubleshooting, and to help ensure processes are operating within specification. Our calibration service provides confidence on new and existing equipment accuracy.



Fluke 179 Electronics Multimeter Kit

- Reliable, precise and easy to use multimeter for troubleshooting and repairing electrical and electronic systems
- Comprehensive kit includes Fluke 179 DMM, 80BK-A integrated DMM temperature probe, AC280 SureGrip™ hook clips, TL910 electronic test probes, TL224 SureGrip™ insulated test leads, TPAK ToolPak™ magnetic meter hanger and soft carry case



FLUKE

132-176

FLUKE 179/EDA2

TBS2000B Series Oscilloscopes

- 9-in WVGA colour display with 15 horizontal grids – shows 50% more signal
- Up to 200MHz bandwidth, 5M point record length, 2GS sample rate for faster debug and validation
- HelpEverywhere™ function provides helpful onscreen tips for students and new users
- Introductory offer, up to 15% off manufacturer's list price while stocks last



Tektronix

200-6294	TBS2072B 2 channel, 70MHz
200-6295	TBS2074B 4 channel, 70MHz
200-6297	TBS2102B 2 channel, 100MHz
200-6298	TBS2102B 4 channel, 100MHz
200-6299	TBS2202B 2 channel, 200MHz
200-6300	TBS2204B 4 channel, 200MHz

20 Browse & Shop Our HUGE Range Online au.rs-online.com/manufacturing

DCM305e - Earth Leakage Clampmeter

- 0.001mA resolution - TRMS reading
- Up to 100A range for standard AC current measurements
- Low pass filter to aid stability of readings
- Auto, data and peak hold - 40mm jaw
- Analogue bargraph display for trending



Megger

179-4710

FLIR Ex-series infrared camera with msx & wifi

- Easy to use: The FLIR Ex series cameras are fully automatic and focus-free with an intuitive interface for simple measurements in thermal, visual, or MSX mode.
- Compact and rugged: The FLIR Ex series cameras' low weight of 0.575 kg and the accessory belt pouch make them easy to bring along at all times. Their rugged design can withstand a 2 m drop test, and ensures reliability, even in harsh environments.



TELEDYNE FLIR
Everywhere you look

184-6121	INFRARED CAMERA temp range -20°C to 400°C, ir resolution 160 × 120 (19,200 pixels)
184-6123	INFRARED CAMERA temp range -20°C to 550°C, IR resolution 240 × 180 (43,200 pixels)
184-6124	INFRARED CAMERA temp range -20°C to 550°C, ir resolution 320 × 240 (76,800 pixels)

184-6124 INFRARED CAMERA temp range -20°C to 550°C, ir resolution 320 × 240 (76,800 pixels)

20 Browse & Shop Our HUGE Range Online au.rs-online.com/manufacturing

KEY TECHNOLOGY

FACILITIES MAINTENANCE

Essentials to keep your work space and equipment to the highest of hygiene standards.



WYPALL X60 Perorated Jumbo Roll Wipers

- The Kimberly Clark WYPALL X60 perforated jumbo roll wipers a versatile wiper that is durable enough to handle general cleaning tasks and strong enough to scrub off adhesives, remove oil and debris
- Strong wiper construction ensures longer lasting wiper performance, maintaining strength wet or dry



WYPALL

226-4110 Roll of 1100

Mobile Jumbo Roll Dispenser

34965

4915

WYPALL 4100 Alcohol Antibacterial wipe

- One canister contains 70 wipes, one case contains 12 canisters
- Easy to use wipes that kill 99% of bacteria on a range of non-porous and non-food surfaces
- Compact, easy to use dispenser makes disinfecting simple and easy
- Multipurpose wipes. Pre-moistened with disinfectant for quick, hassle-free use
- Contains commercial grade disinfectant (active ingredient: 70% Isopropyl Alcohol)



Scott

226-4116 70 wipes/canister, 14 × 12cm 12 canisters

4100B

Kleenex foam hand sanitiser

- Fragrance and dye free formulation kills up to 99.999% of germs.
- Dermatologically tested formula contains aloe vera and skin humectant.
- "Fit for purpose" in food handling or processing areas.



Kleenex

1l cartridge, 6 per case

1.2l cartridge, 4 per case

Aquarius white skincare dispenser

6492

6493

69480

Medium Floor Broom

- 50 × 400mm, 56mm bristle length
- Polyester stock and bristle
- Application: sweeping medium sized particulates/dust



Vikan

390-4927 GREEN

390-4961 YELLOW

390-4933 BLUE

SAM Electrical Safety Mat

- Used to isolate the operator from conductive elements such as floors and walls



RS PRO

221-2736 600mm x 1m x 3mm

Safe Distancing Bundle

- Introducing the RS PRO Social Distancing Kit that includes everything needed to set up and manage social distancing within a variety of environments
- It includes an infrared thermometer, a 2 m safety barrier and footprint-shaped floor labels as clear markers to indicate the correct distance

RS PRO

201-3047 Safe Distancing Bundle



Fast, Flexible Delivery Available

KEY TECHNOLOGY PPE & WORKWEAR

Keep your people safe. We can keep you covered from head to toe with our wide range of products and trusted brands.



Uvex 9192 Anti-Mist UV Safety Glasses

- Excellent peripheral vision with optical class 1
- Lightweight design with ergonomic features
- Arms with advanced ventilation system



uvex

768-9057 Grey Polycarbonate Lens, Vented

9192-300

6200 Half Respirator Mask

- Face Piece is made from soft, lightweight material Cradle head harness and easy to fasten neck strap
- Dual filter design and Airline system available
- Bayonet style fitting cartridges and filters



3M

773-4457 Medium

6200

3M PELTOR H10 Ear Defender with Headband

- Double casing minimises resonance and provides maximum low-frequency attenuation
- Stainless steel headband wires with four point suspension help distribute cushion pressure evenly
- Generous inside depth helps the ears to rest comfortably



3M Peltor™

774-4022 33dB

H10A

HYFLEX® 11-518 Blue Polyurethane Coated Cut resistant gloves

- Ultralight duty seamless liner
- Dyneema diamond technology fiber
- Thin PU coating



Ansell

217-4899	Size 6	#N/A
217-4900	Size 7	#N/A
217-4902	Size 8	#N/A
217-4903	Size 9	#N/A

Hi-Vis Warsaw Executive Vest Waistcoat

- Warsaw executive vest waistcoat
- High visibility
- Reflective tape marking - increased visibility
- Contrast panels for dirt protection



RS PRO

141-8177	ORANGE S
141-8178	ORANGE M
141-8179	ORANGE L
141-8183	ORANGE XL
141-8292	ORANGE XXL
141-8168	YELLOW S
141-8169	YELLOW M
1418170	YELLOW L
141-8174	YELLOW XL
141-8176	YELLOW XXL

KEY TECHNOLOGY TOOLS & CONSUMABLES

Does your workshop have the right tools you need to get the job done quickly and effectively?



RS PRO 88 Piece VDE Approved Electricians Tool Kit

- This versatile tool kit has VDE certified screwdrivers and pliers, individually tested for use up to 1000 V ac
- The kit also contains additional extras including sockets, spanners, bit sets, extension bars, hex keys, insulated screwdrivers and VDE pliers in various sizes ensuring that you are covered for a range of applications



RS PRO

734-8885 88 Piece

3 YEAR WARRANTY

7348885

BE-9881S Insulated Ergo™ 1000V Live Working 5 piece Screwdriver set

- Conforms to IEC 60900, DIN EN 60900, VDE 0680 part 2
- All products are manufacture date marked
- Vanadium steel blades, hardened and chrome plated
- Tips are black oxide finished for high accuracy
- 3-part rounded ergonomic handle (with hanging hole) prevents pressure points and ensures optimum torque
- Colour coded handles for easy identification and selection of screwdriver within the set



BAHCO

288-8004 5 Piece

BE-9881S

Electrical Insulation Tape

- For colour coding and insulation of electrical cabling
- Flame retardant and self-extinguishing - conforms to BSEN 60454 Type 2
- Easy tear and unwind, conformable, water, UV and abrasion resistant



504-2396 AT7 10 reels of 19mm x 33m

297-9273 AT34 black 19mm x 20m extreme weather

297-9289 AT34 black 25mm x 20m extreme weather

One-Touch Tool Boxes

- Stackable tool box with one hand latch opening and self-closing
- 2 storage compartments on the cover and removable tray which allows more tools to be stored underneath
- Padlockable clasp (padlock not supplied)
- Folding handle for easier handling



FACOM

123-4649 391 x 164 x 222mm BPC16NPB

123-4650 481 x 237 x 271mm BPC19NPB

123-4651 603 x 260 x 273mm BPC24NPB

Carbon Steel Insulated Plier Set

- Digitally controlled heat gun with safety heat indicator and four memory programmes
- One-hand operation with soft grip handle and 3m power cord
- Maximum temperature 650°C and airflow of 500L/min
- Ideal for shrinking heat shrink tubing, film or packaging; stripping paint; drying out wood; softening adhesives or thawing frozen pipes



suttontools

204-3825 2 Piece

PG-2



RS Product Plus & Quotes

Take control of your sourcing costs

Consolidate your purchasing and save with RS Product Plus & Quotes Services. Sourcing a vast range of products from multiple vendors is inefficient and time consuming.

The complex nature of procuring industrial supplies means your staff are probably wasting a lot of their time and your budget. First in searching and sourcing a list of products, and then in trying to negotiate with individual suppliers.

Request a Quote

With over 600,000 products available you won't need to call around lots of separate or specialist suppliers. Our dedicated Quotation Team who can help save you money through a negotiated discount.



It's easy - You don't need to spend time comparing prices for your entire order. Just give us your bill of materials or existing manufacturer part number & we'll do it all for you.



Manage Quotes Online - The fastest & easiest way to request, manage & redeem quotes. Request a discount on large orders by uploading a BOM or input in 'My Quotes'.



Learn more at au.rs-online.com/quotes

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RS Product Plus is an exclusive service for customers looking to consolidate their spend. Our specialist team can support your requirements and help you source products not published on our website.

Using our expertise and relationships with over 2,500 key manufacturers, we provide access to over a million products. We will also let you know if we find an alternative product offering extra functionality or value for money benefits.

What's more, consolidating more of your purchasing with RS reduces purchase orders, saves time sourcing and helps you leverage your spend.



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