

CORE ESSENTIALS
THE PRODUCTS OUR
CUSTOMERS NEED

YOU CAN SEE
OUR THINKING

ENGINEERING ADVANTAGE

AIR
PREPARATION

FITTINGS

DOWNTIME INNOVATIVE TECHNOLOGY INNOVATION 4 GLOBAL TECHNICAL CENTERS
PARTNERSHIP ATEX SOLUTIONS ISO 9001:2000 INDUSTRY AND APPLICATIONS EXPERTISE
ENERGY CONSUMPTION GLOBAL MANUFACTURING CAPABILITY
FACTORY AUTOMATION EFFICIENCY LEADERSHIP ACTUATORS
TECHNICAL SUPPORT BOOSTING EFFICIENCY AND PRODUCTIVITY ISO 14001
VALVES PARTNERSHIPS PROPORTIONAL CONTROL CUSTOM MANIFOLD EMC BEST PRACTICES
TECHNICAL SUPPORT GAIN MARKET SHARE PROCESS OPTIMISATION VALVES

VALVES

PRESSURE
SWITCHES

ACTUATORS

CORE ESSENTIALS THE PRODUCTS OUR CUSTOMERS NEED

WE KNOW FROM EXPERIENCE THAT SOME PRODUCTS COME UP AGAIN AND AGAIN WHEN TALKING TO OUR CUSTOMERS. PRODUCTS THAT ARE IMPORTANT TO THEIR BUSINESS AND OURS. THE REASON COULD BE PERFORMANCE OR QUALITY RELATED, OR SIMPLY WHEN IN TIMES OF NEED THE PRODUCT IS ALWAYS CLOSE BY. THAT'S WHY WE CALL THEM 'ESSENTIALS'.

This brochure shows those 'essentials', but don't worry if you cannot see what you want. Backed up by the entire Norgren Express portfolio and offering the same expertise and service promise, you are never far from a more comprehensive solution if you need it.



VISIT TODAY AND EXPERIENCE IT FOR YOURSELF STORE.NORGREN.COM

GIVING YOU ACCESS TO OUR PRODUCTS AND PRICING 24/7/365, WEBSTORE MAKES IT EVEN EASIER TO FIND AND ORDER EXACTLY WHAT YOU NEED – QUICKLY AND EFFICIENTLY.

- Easy search, by complete or partial serial number. Access over 10,000 stocked catalogue items, as well as our full extended range
- Intuitive browsing. Easy to use navigation helps you quickly find what you're looking for
- Detailed product information, helping you with your decision-making
- Cross-referencing for auxiliary products, making it easy to source all the products you need on the same visit
- CAD drawings. Downloadable in 15 formats and 2 and 3D models
- Data library. Thousands of data sheets in many languages, ready for you to download
- Real-time pricing and availability
- Quickbasket facility to add up to 10 items with one click – ideal if you know the part numbers
- Pastebasket options, allowing you to copy large lists of items from your purchasing system, spreadsheet, email or word document

CORE ESSENTIALS

SHOULD YOU NOT SEE WHAT YOU WANT AND NEED MORE INFORMATION...

THE CATALOGUE

The latest Norgren Express catalogue contains more products, more selection material and more technical content than ever before, including a number of features designed to help you select and order the best parts, quickly and efficiently.

PART NUMBERS AND TECHNICAL INFORMATION

Each product page has a full listing of part numbers, a photo and summary of technical information – everything you need to order the right part.

NEED MORE THAN ONE PRODUCT?

Our 'express link' boxes lead you to associated and auxiliary products. We also supply helpful tips to guide your decision-making via our express plus boxes.

INDEXING, MADE EASY

We have four easy to use indices, depending on your needs. One allows you to search by product description, another by part number. Both make it easy to select the parts – and accessories – you need.

NEED MORE DETAILED INFORMATION ON FEATURED PRODUCTS?

Our key featured products carry a QR code, giving you instant access to detailed information via your smartphone.

- Datasheets
- CAD files
- 'Technical Tips' video



THE FITTINGS BOOK

- The Norgren Express Fittings Book is a comprehensive guide to Fittings and other consumable ranges as well as useful reference information
- Produced at A6 size, it is small enough to fit conveniently and neatly into a shirt pocket for quick reference
- It contains comprehensive detail on our core Fittings and Tubing ranges plus an overview of other Fittings ranges and includes a handy thread and tube Ø indicator plus useful information and tips to improve efficiency of your pneumatic system
- Additionally, the Fittings Book showcases all of our Feature Products ranges, with a QR code link for more information



CORE ESSENTIALS

CREATING MOVEMENT AND CONTROL

ACTUATOR RANGES

IT WOULD BE IMPOSSIBLE FOR US TO LIST ALL OF OUR ACTUATOR PRODUCTS HERE, SIMPLY BECAUSE THERE ARE TOO MANY! WE HAVE SO MANY RANGES, SHAPES AND SIZES THAT NOT TOO MANY APPLICATIONS ARE OUT OF OUR REACH; EXTENSIVE STOCKS OF STANDARD SIZES READY TO DESPATCH AND FAST MANUFACTURING ROUTES FOR THAT UNFORESEEN PROBLEM.

What we can do though is list the items that we regularly get asked for by our MRO customers. Unique to Norgren is our position switch which fits virtually every one of our actuator ranges. We also list here repair kits for our most popular range – our profile barrelled / tie rod range conforming to ISO15552, ISO6431 and VDMA24562.



SWITCH RANGES

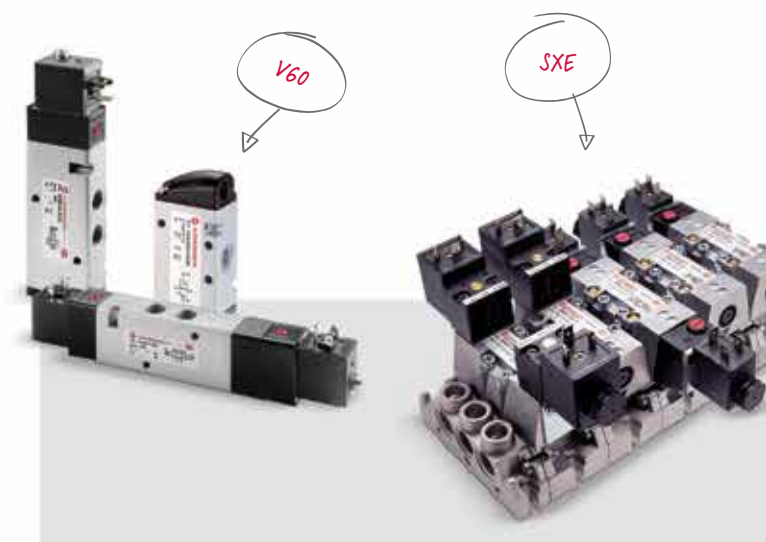
PART NO.	DESCRIPTION
M/50/LSU/5V	Reed switch with 5m cable
M/50/LSU/CP	Reed switch with M8 connector
M/50/EAP/5V	Solid state switch with 5m cable
M/50/EAP/CP	Solid state switch with M8 connector
M/P73001/5	5m cable for use with /CP switch
M/P72487B	Mounting bracket used on RM/90000 series

Ask for other types of switch

REPAIR KITS

PART NO.	DESCRIPTION
QA/8050/00	Repair kit for PRA/182050 & RA/8050
QA/8063/00	Repair kit for PRA/182063 & RA/8063
QA/8080/00	Repair kit for PRA/182080 & RA/8080
QA/8100/00	Repair kit for PRA/182100 & RA/8100
QA/8125B/00	Repair kit for PRA/182125 & RA/8125
QA/8160D/00	Repair kit for RA/8160
QA/8200B/00	Repair kit for RA/8200

Ask for other kits for other ranges



VALVE PRODUCTS

AS ONE OF THE WORLDS LEADING SUPPLIERS OF VALVES FOR USE IN BOTH INDUSTRIAL AUTOMATION AND WIDER APPLICATIONS, NORGREN HAS HUNDREDS OF RANGES COVERING ALL REQUIREMENTS. EFFICIENCY AND PERFORMANCE ARE HIGH ON OUR AGENDA, AND THE RANGES SHOWN HERE ILLUSTRATE THOSE POINTS.

Our V60 inline and SXE sub base valves are suitable for most industrial applications, and where long life is a prime requirement then the glandless SXE range wins every time. Here you see just a small part of our full range – contact us if you cannot see what you want.

V60 RANGE

PART NO.	DESCRIPTION
V60A417A-A2000	G1/8 3/2 solenoid / spring return valve
V60A4D7A-XA090	G1/8 3/2 air pilot / spring return valve
V60A511A-A3000	G1/8 5/2 solenoid / solenoid valve
V60A517A-A2000	G1/8 5/2 solenoid / spring return valve
V61B417A-A2000	G1/4 3/2 solenoid / spring return valve
V61B511A-A3000	G1/4 5/2 solenoid / solenoid valve
V61B517A-A2000	G1/4 5/2 solenoid / spring return valve
V63D417A-A2000	G1/2 3/2 solenoid / spring return valve
V63D511A-A3000	G1/2 5/2 solenoid / solenoid valve
V63D517A-A2000	G1/2 5/2 solenoid / spring return valve

Ask for other valve types

SXE RANGE

PART NO.	DESCRIPTION
SXE0573-A6000K	ISO1 5/2 solenoid / solenoid valve
SXE0574-A6000K	ISO2 5/2 solenoid / solenoid valve
SXE9573-A8100K	ISO1 solenoid / spring return valve
SXE9574-A8100K	ISO2 solenoid / spring return valve
M/P19126	ISO1 sub base (G1/4 ports)
M/P19132	ISO2 sub base (G3/8 ports)
QM/48/13J/21	Replacement coil for V60 and SXE range - 24v dc
QM/48/19J/21	Replacement coil for V60 and SXE range - 220/240v ac
M/P19063	Connector plug for use with QM/48 coil

Ask for other valve types, alternative voltages and other connector types



MORE CONTROL OPTIONS

WHILST ELECTRICALLY OPERATED VALVES NOW FORM A BIG PART OF INDUSTRIAL AUTOMATION REQUIREMENTS, MANY SYSTEMS STILL USE OTHER TYPES OF PRODUCT. THE ENTIRE PORTFOLIO OF NORGREN VALVES HAS OPTIONS COVERING EVERYDAY AND SPECIALIST APPLICATIONS.

Here are examples from our well established manual/ mechanical range, best sellers from our proportional range, and examples of process valves taken from our Buschjost series.

SUPER X RANGE

PART NO.	DESCRIPTION
03029302	G1/8 3/2 roller op / spring return valve
03040002	G1/8 3/2 plunger op / spring return valve
03040402	G1/8 3/2 button op / spring return valve
03041402	G1/8 3/2 shrouded button / spring return valve
03041902	G1/8 3/2 rotary knob op valve
03042802	G1/8 3/2 emergency stop / reset valve
X3067702	G1/4 5/2 lever / lever valve
X3363802	G1/4 5/3 lever / spring / lever valve

Ask for other valve types

VP50/51 SERIES

PART NO.	DESCRIPTION
VP5006BJ111H00	G1/4 3/2 proportional valve (0-6 bar / 0-10v)
VP5010BJ111H00	G1/4 3/2 proportional valve (0-10 bar / 0-10v)
VP5110BJ111H00	G1/4 3/2 proportional valve (0-10 bar / 0-10v)
VP5110BJ411H00	G1/4 3/2 proportional valve (0-10 bar / 4-20mA)
0250081000000000	Connector cable for VP50/51

Ask for other valve types

INDIRECT SOLENOID ACTUATED DIAPHRAGM VALVES

PART NO.	DESCRIPTION
8240200.9100.00000	G1/2 2/2 indirect acting solenoid valve
8240300.9100.00000	G3/4 2/2 indirect acting solenoid valve
8240400.9100.00000	G1 2/2 indirect acting solenoid valve
0000000.9101.02400	24v dc solenoid coil for above
0000000.9101.23050	230v 50Hz solenoid coil for above

Ask for other valve types



FLOW REGULATOR RANGES

PART NO.	DESCRIPTION
T1000C1800	G1/8 blockform flow regulator
T1000C2800	G1/4 blockform flow regulator
T1000C3800	G3/8 blockform flow regulator
T1000C4800	G1/2 blockform flow regulator
C00GP0400	4mm PIF blockform flow regulator
C00GP0600	6mm PIF blockform flow regulator
C00GP0800	8mm PIF blockform flow regulator
C00GP1000	10mm PIF blockform flow regulator
C00GP1200	12mm PIF blockform flow regulator
C0K510418	G1/8A x 4mm "banjo" flow regulator
C0K510618	G1/8A x 6mm "banjo" flow regulator
C0K510828	G1/4A x 8mm "banjo" flow regulator
C0K511038	G3/8A x 10mm "banjo" flow regulator
C0K511048	G1/2A x 10mm "banjo" flow regulator
C0K511248	G1/2A x 12mm "banjo" flow regulator
T20C1800	G1/8A exhaust flow regulator
T20C2800	G1/4A exhaust flow regulator

Ask for other types of regulator

Can't find what you're looking for?



CORRECT AIR PREPARATION

COMPRESSED AIR REQUIRES CORRECT PREPARATION IN ORDER TO PROLONG THE LIFE OF PRODUCTS IN A SYSTEM AND GIVE MAXIMUM EFFICIENCY.

Norgren has long been a leading name in air preparation products, and our Olympian Plus and Excelon ranges cover most application requirements. Here we show our popular 'box sets' along with individual units that can be configured to suit your own requirements.

BOX SETS

PART NO.	DESCRIPTION
P1H-100-A3QG	G1/8 Miniature series box set
BL72-201GA	G1/4 Excelon 72 series box set
BL74-401G	G1/2 Excelon 74 series box set
BL64-401	G1/2 Olympian Plus 64 series box set
BL68-801	G1 Olympian Plus 68 series box set

EXCELON SERIES UNITS

PART NO.	DESCRIPTION
F72G-2GN-AL3	72 series general purpose filter
F74G-4GN-AP3	74 series general purpose filter
B72G-2GK-AL3-RMN	72 series filter / regulator
B74G-4GK-AP3-RMN	74 series filter / regulator
R72G-2GK-RMN	72 series regulator
R74G-4GK-RMN	74 series regulator
L72M-2GP-ETN	72 series microfog lubricator
L74M-4GP-QPN	74 series microfog lubricator
4214-52	72 series quickclamp / wall bracket
4314-52	74 series quickclamp / wall bracket
F72G-KITA40	Repair kit for F72G unit
F74G-KITA40	Repair kit for F74G unit
B72G-KITA40R	Repair kit for B72G unit
B74G-KITA40R	Repair kit for B74G unit
R72G-KITR	Repair kit for R72G unit
R74G-KITR	Repair kit for R74G unit
L72M-KIT	Repair kit for L72M unit
L74M-KIT	Repair kit for L74M unit
74316-50	72 series neck mount
4368-51	74 series neck mount
18-013-989	40mm dia pressure gauge

Ask for other units not shown

OLYMPIAN PLUS UNITS

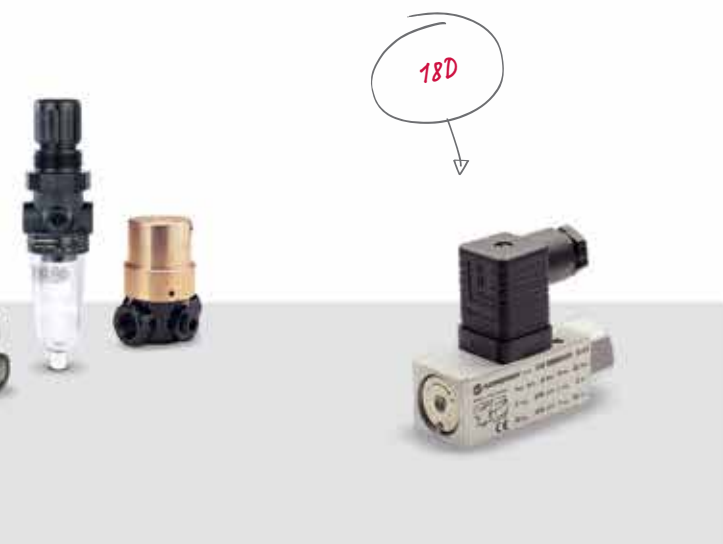
PART NO.	DESCRIPTION
F64G-NNN-AD3	64 series general purpose filter
F68G-NNN-AR3	68 series general purpose filter
B64G-NNK-AD3-RMN	64 series filter / regulator
B68G-NNK-AR3-RLN	68 series filter / regulator
R64G-NNK-RMN	64 series regulator
R68G-NNK-RLN	68 series regulator
L64M-NNP-EDN	64 series microfog lubricator
L68M-NNP-ERN	68 series microfog lubricator
Y64A-4GA-N1N	G1/2 64 series single yoke
Y64A-4GA-N2N	G1/2 64 series double yoke
Y68A-8GN-N1N	G1 68 series single yoke
F64G-KITA40	Repair kit for F64G unit
F68G-KITA40	Repair kit for F68G unit
B64G-KITA40R	Repair kit for B64G unit
B68G-KITA40R	Repair kit for B68G unit
R64G-KITR	Repair kit for R64G unit
R68G-KITR	Repair kit for R68G unit
L64M-KIT	Repair kit for L64M unit
L68M-KIT	Repair kit for L68M unit
74504-50	64 series mounting bracket
18-001-979	68 series mounting bracket
18-013-013	50mm dia pressure gauge
18-026-987	68 series yoke connector kit

Ask for other units not shown

MINIATURE 07 SERIES UNITS

Part No.	Description
B07-201-A3KG	G1/4 filter regulator / auto drain
B07-201-M3KG	G1/4 filter / regulator / manual drain
R07-100-RNKG	G1/8 regulator (0.3 to 7 bar)
R07-105-RNMG	G1/8 regulator (0.5 to 10 bar)
R07-200-RNKG	G1/4 regulator (0.3 to 7 bar)
R07-205-RNMG	G1/4 regulator (0.5 to 10 bar)
R16-200-R30G	G1/4 pre-set regulator (2 bar)
B07-KITA40R	Repair kit for B07 unit
R07-KITR	Repair kit for R07 unit
18-025-003	Neck mounting bracket

Ask for other units not shown



CORE ESSENTIALS KEY ACCESSORIES

IT IS VERY EASILY TO OVERLOOK THOSE EVERYDAY ITEMS WE ALL TAKE FOR GRANTED. THESE ITEMS CAN OFTEN CREATE DELAYS DURING BREAKDOWN OR MAINTENANCE OVERHAULS.

Here we list some of our most popular accessory products – the things you often forget about until you need one!

18D SERIES PRESSURE SWITCHES

PART NO.	DESCRIPTION
0880200000000000	Mechanical pressure switch (0.2 to 2 bar)
0880300000000000	Mechanical pressure switch (0.5 to 8 bar)
0880400000000000	Mechanical pressure switch (1 to 16 bar)

Ask for other switches types



PNEUFIT C FITTINGS BOXES

PART NO.	DESCRIPTION
NE/11152	4mm & 6mm fittings box
NE/11154	6mm & 8mm fittings box
NE/11433	8mm & 10mm fittings box
NE/11376	10mm & 12mm fittings box

Ask for other fitting ranges

TUBING

PART NO.	DESCRIPTION
PA2-0004025C	4mm natural nylon x 25m
PA2-0006025C	6mm natural nylon x 25m
PA2-0008025C	8mm natural nylon x 25m
PA2-0010025C	10mm natural nylon x 25m
PA2-0012025C	12mm natural nylon x 25m
PU2-0004025C	4mm natural polyurethane x 25m
PU2-0006025C	6mm natural polyurethane x 25m
PU2-0008025C	8mm natural polyurethane x 25m
M/3314	Tube cutter

Ask for other colours and coin sizes



OTHER ACCESSORIES

PART NO.	DESCRIPTION
C00GL0400	4mm PIF non return valve
C00GL0600	6mm PIF non return valve
C00GL0800	8mm PIF non return valve
C00GL1000	10mm PIF non return valve
C00GL1200	12mm PIF non return valve
602113128EX	G1/4 exhausting ball valve
602113148EX	G1/2 exhausting ball valve
602113188EX	G1 exhausting ball valve
MB002B	G1/4A heavy duty silencer
MB004B	G1/2A heavy duty silencer
T40C1800	G1/8A exhaust silencer
T40C2800	G1/4A exhaust silencer
T40C3800	G3/8A exhaust silencer
T40C4800	G1/2A exhaust silencer

Ask for other accessories

ACTUATORS

ROUNDLINE & COMPACT CYLINDERS
PROFILE CYLINDERS
RODLESS CYLINDERS
ROTARY ACTUATORS
AIR BELLOWS & SHOCK ABSORBERS



VACUUM

VACUUM PUMPS
VACUUM CUPS & BELLOWS
VACUUM ACCESSORIES
VACUUM SWITCHES



VALVES

VALVE ISLANDS & SUB-BASE VALVES
IN-LINE & MANIFOLD VALVES
SAFETY & MANUAL/MECHANICAL VALVES
PROPORTIONAL VALVES
PROCESS SEAT VALVES
FLOW CONTROL VALVES



PRESSURE SWITCHES

ELECTRO-MECHANICAL PRESSURE SWITCHES
ELECTRONIC PRESSURE SWITCHES



AIRLINE (FRL)

OLYMPIAN PLUS PLUG-IN SYSTEM
EXCELON MODULAR SYSTEM
MINIATURE & LARGE CAPACITY SERIES
EXCELON PRO SYSTEM
SPECIAL PURPOSE REGULATORS
STAINLESS STEEL & SPECIAL PURPOSE



FITTINGS, TUBING & ACCESSORIES

PUSH IN FITTINGS
BSP & HOSE FITTINGS
TUBING & HOSES
QUICK RELEASE COUPLINGS
SILENCERS, BALL VALVES & SHUT OFF VALVES



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