Product Line Guide
for Industrial Automation

Find out more
imiplc.com/industrial-automation

1.800.514.0129
sales.usa@imiplc.com

Pneumatic Actuators

A and EA Series
Aluminum NFPA
1-1/2" - 12" Bores
Single and Double Acting

J and EJ Series
Steel NFPA
1-1/2" - 12" Bores
Single and Double Acting

P-Series
Aluminum NFPA
1-1/2" - 4" Bores
Double Acting,
Adaptive cushioning

SS Series
Stainless Steel NFPA
1-1/8" - 8" Bores
Double Acting

N Series
Non-Rotating NFPA
1-1/8" - 4" Bores
Double Acting

LS Series Thrusters
Linear Thruster with NFPA
cylinder
1-1/2" - 2" Bores
Composite and Roller Bearings

TA Series Tiny Tim
Small Bore NFPA
3/4", 1", 1-1/8" Bores
Single and Double Acting

T Series Tiny Tim
Small Bore Non-NFPA
3/4" & 1-1/8" Bores
Single and Double Acting

RP Series Roundline Plus
Round Body Disposable
5/16" - 3" Bores
Single and Double Acting

RPD Series Delrin
Delrin End Cap Roundline
9/16" - 2" Bores
Double Acting

RT Series Thrusters
Roundline Linear Thruster
9/16" - 3" Bores
Composite and Roller Bearings

F-Series Plus
Round, Compact cylinder
9/16" - 3" Bores
Single and Double Acting

FPT Series
F-Plus Twin Rod, Non-Rotating
3/4" - 2" Bores
Double Acting

ISOLine™
ISO 15552
32mm - 320mm Bores
Double Acting
Exposed Tie Rods or Profile Tube

ISO 6432
Round Body Disposable with
International dimensions
10mm - 25mm Bores
Double Acting

C/146000 Lintra® Plus
Rodless Cylinder
16mm - 80mm Bores
Internal, External, Roller Carriage

Lintra® Lite
A44000 Lintra® Lite
Rodless Cylinder
25mm - 40mm bores
Compact, lightweight design

Rotary Actuators
Rack & Pinion Rotary
1/2" - 2-1/2" Bores
Single and Double Rack,
Multi-Position

90000 Series
Anodized Aluminum
Extruded Body
12mm - 63mm Bores
Single and Double Acting

PRA/882000, PRA/862000
IVAC Cleanline PRA/882000
IVAC Industrial PRA/862000
32mm-100mm bores
Double Acting, cylinder/valve

Baghouse Cylinder
Steel or Aluminum NFPA cylinder with
externally mounted valve and electrical junction
box, among other optional components.
Customized for baghouse filtration systems in
power generation plants

Reciprocating Air Motors
Cylinder/valve combination with stroke
signal valves as ext. pilots. Used for
pumping media (lubrication, fiberglass,
foams, resins, hot melt glue, liquid
polymers, waste gases & liquids)

Reed and Solid State Switches
Magnetically operated,
non-contact sensing
LED, PNP, NPN
Flying leads or quick disconnect

Unit-Air Assembly
Cylinder/Valve combination unit
Typical Applications: Sorting systems,
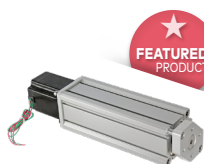conveyors, diverters, various industrial
applications

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Electric Actuators

FEATURED PRODUCT

FEATURED PRODUCT

FEATURED PRODUCT

Norgren ELION Rod-style
32, 40, 50, 63, 80, 100mm bores
ISO 15552 ball screw
Stroke up to 59"
Thrust: up to 6,800 lbs.

Norgren ELION Rodless
48, 60, 80, 100mm bores
Toothbelt or ball screw
Stroke up to 18 feet
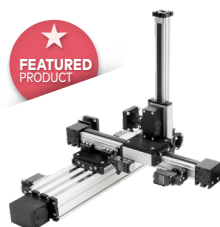Belt Thrust: up to 337 lbs.
Screw Thrust: up to 2,282 lbs.

EFE/EFET Extruded Flat
16, 20, 25, 32, 40, 50mm bores
Stroke up to 5"
Thrust: up to 260 lbs.

EET Extruded Thruster
16, 20, 25, 32mm bores
Ideal for high side loading applications
Stroke up to 10"
Thrust: up to 248 lbs.

NPET Narrow Profile Table
20 & 32mm bores
Ideal for cartesian-type and pick & place applications
Stroke up to 8"
Thrust: up to 248 lbs.

FEATURED PRODUCT

Multi-Axis
2-axis, 3-axis and more

Highly configurable in any profile style and size combination

Extensive library of mountings and accessories

L Series
40mm – 100mm profile sizes
Compact design
Flexible mounting
Low maintenance

Q Series
60 – 125mm profile sizes
Suitable for clean room applications
Flexible mounting
High operational reliability

E Series
30mm – 125mm profile sizes
Long travel distances
High dynamics and speed capable
Most available configurations

D Series
120, 160, 200mm profile sizes
High-load bearing capacity
Internal guiding
High rigidity

Hydraulic Actuators

Medium Pressure
NFPA tie-rod for up to 1500 PSI
1-1/2" - 8" bores

High Pressure
NFPA tie-rod for up to 3000 PSI
1-1/2" - 8" bores

→ online configurators available for cylinders, valves, and FRLs:
norgren.com/en-us

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Directional Control Valves

V5x
Inline Solenoid & Air Pilot
Port: 1/8", 1/4", 3/8" & 1/2"
Function: 3/2, 5/2 & 5/3
Cv: 0.48 to 2.48
Voltage: 12 VDC, 24 VDC,
110/120 VAC, 220 VAC

V6x
Inline Solenoid & Air Pilot
Port: 1/8", 1/4" & 3/8"
Function: 3/2, 2x3/2, 5/2 & 5/3
Cv: 0.75 to 2.6
Voltage: 12 VDC, 24 VDC,
110/120 VAC, 220 VAC

Nugget 200
Inline Solenoid & Air Pilot
Port: 1/4", 3/8" & 1/2"
Function: 3/2, 5/2 & 5/3
Cv: 1.67
Voltage: 12 VDC, 24 VDC,
110/120 VAC, 220 VAC

Nugget 500
Inline Solenoid & Air Pilot
Port: 1/2" & 3/4"
Function: 5/2 & 5/3
Cv: 4.0 to 5.6
Voltage: 12 VDC, 24 VDC,
110/120 VAC, 220 VAC

Poppet
Inline, Solenoid & Air Pilot
Port: 1/4", 3/8", 1/2", 3/4", 1",
1-1/4", 1-1/2" & 2"
Function: 2/2, 3/2 & 4/2
Cv: 1.2 to 49.5
Voltage: 12 VDC, 24 VDC,
110/120 VAC, 220 VAC

Miniature Manual valves
Port: 10-32(F), 1/8" NPT/ 10-32
(F), 1/8" (F) NPT
Cv: 0.2 to 0.54
Function: 2/2NC, 3/2NC & 5/2

Super X
Inline Manual & Mechanical
Port: 1/8" & 1/4"
Function: 3/2, 5/2 & 5/3
Cv: 0.34 to 0.98

Nugget 200
Inline Manual & Mechanical
Port: 1/4", 3/8" & 1/2"
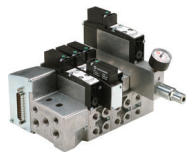Function: 3/2, 5/2 & 5/3
Cv: 1.67

VHLA
Inline Manual & Mechanical
Port: 1/4", 3/8" to 1/2"
Function: 4/2 & 4/3
Cv: 0.4 to 3.1

C00
Inline Lockout
Port: 3/8", 1/2", 3/4",
1", 1-1/4" & 1-1/2"
Function: 3/2
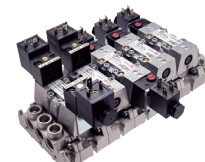Cv: 4.2 to 22.4

VR10 & VR15
Manifold Mounted
Port: PIF (5/32", ¼", 5/16",
4mm, 6mm & 8mm)
Function: 2x3/2, 5/2 & 5/3
Cv: 0.22 to 0.60
Voltage: Wireway 24Vdc
Connectivity: Multipole,
EtherNet/IP, PROFINET,
EtherCAT, IO-Link, CANopen

VS18 & VS26
Manifold Mounted
Port: 1/8", 3/8", 1/4"PIF &
3/8"PIF
Function: 2x3/2, 5/2 & 5/3
Cv: 0.56 to 1.37
Voltage: 12 VDC, 24 VDC,
110/120 VAC wireway
Connectivity: Multipole,
DeviceNet, EtherNet/IP, Profibus,
PROFINET, IO-Link, CANopen

Mini ISO
Subbase Manifold
Port: 1/8", 1/4" & PIF (1/4" & 3/8")
Function: 2x3/2, 5/2 & 5/3
Cv: 0.58 to 1.22
Voltage: 12 VDC, 24 VDC,
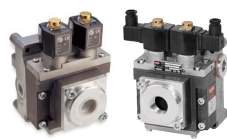110/120 VAC, 220 VAC

ISO Size, 1, 2 & 3
Subbase Manifold
Port: 1/4", 3/8" & 1/2"
Function: 5/2 & 5/3
Cv: 1.2 to 4.4
Voltage: 12 VDC, 24 VDC,
110/120 VAC, 220 VAC

VM10
Stacking
Port: PIF (1/8", 1/4", 5/32")
Function: 2x3/2, 5/2 & 5/3
Cv: up to 0.44
Voltage: Wireway
(12 VDC & 24 VDC)
Connectivity: Multipole,
DeviceNet, EtherNet/IP,
Profibus, PROFINET, CANopen

**VP Series
Proportional Valves**
Inline or Manifold
Port: 1/8" or 1/4"
Function: 3/2 Proportional
Flow: 6 to 60 SCFM or
Cv: 0.2 to 1.4
Control: 0 - 10V or 4 to 20 mA
/ open or closed loop
Outlet Pressure Control:
0 to 145 psi

Press Safety
Inline
Port: 1/4", 1/2", 3/4", 1" & 1-1/2"
Function: 3/2 with Dynamic
monitoring
Flow: Cv 2.6 to 62.4
12Vdc, 24 VDC, 110/120 VAC,
220 VAC
Voltage: 24 VDC & 110/120 VAC

Energy
Inline or Manifold
Port: 1/8" upto 1-1/2"
Function: 3/2, 5/2, 5/3
Materials: Stainless Steel,
Brass and AL
Certifications:
CSA, FM, UL, SIL and Tuv
Chemical, Refining,
Power Plants, Oil & Gas

Commercial Vehicle
Inline or Manifold
Port: 1/8, 1/4" & 1/2"
Function: 3/2, 5/2, 5/3
Materials: Composite,
Stainless Steel, Brass and AL
Control: Air, Electrical or
Manual/Mechanical
Chassis Cab, Bus & Trailer

**Two-hand Anti-
Tiedown Control Valve**
Two-hand anti-tiedown control
valve. Models that actuate any
3 or 4-way air piloted, spring
return power valve or small
single-acting cylinders or 4-way
power valve for direct actuation
of single or double acting air
cylinders.

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Fluid Control Valves

82520 & 84620 Series
2-way Solenoid Valves - Direct Lift Seat
Port: 1/8", 1/4", 3/8"
Pressure: 0 - 580 psi
Cv: 0.08 up to 0.58
Seat Materials: NBR
Materials: Brass & 316SS

82630 & 82570 Series
2-way Solenoid Valves - Direct Lift Diaphragm
Port: 1/4", 3/8" & 1/2"
Pressure: 0 - 145 psi
Cv: 1.7 to 2
Seat Materials: NBR
Materials: Brass & 316SS

82640 & 84490 Series
2-way Solenoid Valves - Direct Lift Diaphragm
Port: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1 1/2" & 2"
Pressure: 0 - 232 psi
Cv: 2.2 to 47.2
Seat Materials: NBR & NBR-K
Materials: Brass & 316SS

82410 & 82740 Series
2-way Solenoid Valves - Indirect Diaphragm
Port: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1 1/2" & 2"
Pressure: 0 - 232 psi
Cv: 2.2 to 47.2
Seat Materials: NBR & HBNR
Materials: Brass & 316SS
UL and CSA certified versions available

85710 & 85750 Series
2-way Solenoid Valves - Direct Lift Piston Seat
Port: 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1 1/2" & 2"
Pressure: 0 - 580 psi
Cv: 2.5 to 49.5
Seat Materials: NBR-K
Materials: Brass & 316SS
UL and CSA certified versions available

84380 & 84390 Series
2-way Piston Seat Valves - Pressure Actuated
Port: 1/8", 1/4", 3/8"
Pressure: 0 - 363 psi
Cv: 0.14 to 2
Seat Materials: PTFE
Materials: Brass & 316SS

82190, 82290, 82390 & 82490 Series
2-way Angle Seat Valves - Pressure Actuated
Port: 1/8", 1/4", 3/8" & 1/2"
Pressure: 0 - 232 psi
Cv: 5.5 to 61
Seat Materials: NBR
Materials: Brass & 316SS

84510 & 84530 Series
2-way Angle Seat Valves - Pressure Actuated
Port: 1/2", 3/4", 1", 1-1/4", 1 1/2"& 2"
Pressure: 0 - 290 psi
Cv: 5.5 to 42.6
Seat Materials: PTFE
Materials: Brass & 316SS

84730 & 84750 Series
2-way Angle Seat Valves - Pressure Actuated
Port: 1/2", 3/4", 1", 1-1/4", 1 1/2" & 2"
Pressure: 0 - 232 psi
Cv: 5.5 to 16.1
Seat Materials: NBR
Materials: Brass & 316SS

Solenoid Valves

KIP Series 1
2 and 3-way Solenoid Valves
Maximum MOPD (psi): 800
Cv: up to 0.305
Power Rating: 6 watts
Ports: 10-32 UNF, 1/8"
Certifications CSA & UL

KIP Series 2
2 and 3-way Solenoid Valves
Maximum MOPD (psi): 1000
Cv: up to 0.305
Power Rating: 7 watts
Ports: 10-32 UNF, 1/8"
Certifications CSA & UL

KIP Series 3
2 and 3-way Solenoid Valves
Maximum MOPD (psi): 1000
Cv: up to 0.490
Power Rating: 7 watts
Ports: 10-32 UNF, 1/8", 1/4"
Certifications CSA & UL

KIP Series 6
2 and 3-way Solenoid Valves
Maximum MOPD (psi): 1200
Cv: up to 0.610
Power Rating: 10 watts
Ports: 10-32 UNF, 1/8", 1/4", 3/8"
Certifications CSA & UL

KIP Q2 Series
2-way Quick-Connect Valves
Maximum MOPD (psi): 120
Cv: up to 1
Power Rating: 10 watts
Port: 1/4" PIF & 3/8" PIF
Certifications CSA, UL & NSF

Miniature Solenoids
Inline, Manifold & Proportional
Body Width: 8mm, 10mm, 15mm, 22mm & 32mm
Function: 2/2, 3/2
Power: 0.5 watts up to 10 watts

→ online configurators available for cylinders, valves, and FRLs: **norgren.com/en-us**

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Excelon® Plus Series

FEATURED PRODUCTS

Excelon® Plus BL82 & BL84 – Filter/Regulator – Lubricator boxed sets
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Polycarbonate bowl: 145 psi
82 Series Metal bowl: 246 psi
84 Series Metal bowl: 290 psi
Polycarbonate bowl:
+14°F to +140°F
Metal bowl: -4°F to +149°F

Excelon® Plus B82G & B84G – Filter/Regulators
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Polycarbonate bowl: 145 psi
82 Series Metal bowl: 246 psi
84 Series Metal bowl: 290 psi
Polycarbonate bowl:
+14°F to +140°F
Metal bowl: -4°F to +149°F
Integrated Electronic Pressure Sensor option

Excelon® Plus F82G & F84G – General Purpose Filters
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Polycarbonate bowl: 145 psi
82 Series Metal bowl: 246 psi
84 Series Metal bowl: 290 psi
Polycarbonate bowl:
+14°F to +140°F
Metal bowl: -4°F to +149°F

Excelon® Plus F82C & F84C – Coalescing Filters
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Polycarbonate bowl: 145 psi
82 Series Metal bowl: 246 psi
84 Series Metal bowl: 290 psi
Polycarbonate bowl:
+14°F to +140°F
Metal bowl: -4 to +149°F

Excelon® Plus F82V & F84V – Vapor Removal Filters
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Polycarbonate bowl: 145 psi
82 Series Metal bowl: 246 psi
84 Series Metal bowl: 290 psi
-4°F to +149°F

Excelon® Plus R82G & R84G – Pressure Regulators
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Inlet: 290 psi
-4°F to +149°F
Adjustable ranges: 4 to 58 psi, 4 to 145 psi, 10 to 247 psi
Integrated Electronic Pressure Sensor option

Excelon® Plus L82M/C & L84M/C – Oil Fog and Micro Fog Lubricators
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
Polycarbonate bowl: 145 psi
82 Series Metal bowl: 246 psi
84 Series Metal bowl: 290 psi
Polycarbonate bowl: +14°F to +140°F
Metal bowl: -4°F to +149°F

Excelon® Plus T82T & T84T – Shut off Valves
1/4", 3/8", 1/2", 3/4" (PTF/ISO G)
82 Series: 246 psi
84 Series: 290 psi
-4°F to +149°F

Excelon® Plus P84F & P84C Soft Start/Dump Valves
3/8", 1/2", 3/4" (PTF/ISO G)
145 psi (10 bar)
-4°F to 149°F

Excelon® Plus Q84G — Standalone Electronic Pressure Sensor
3/8", 1/2", 3/4" (PTF/ ISO G)
0 to 145 psi
-4°F to +149°F
IO-Link Connectivity

Excelon® Plus TR Series

FEATURED PRODUCTS

Excelon® Plus TR Series HBL82 & HBL84 Filter/Regulator/ Lubricator combination units
For for harsh environments and extreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -4°F to +149°F*

Excelon® Plus TR Series HB82G & HB84G Filter/ Regulators
For for harsh environments and extreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -40°F to +176°F*

Excelon® Plus TR Series HF82G & HF84G General Purpose Filters
For for harsh environments and extreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -40°F to +176°F

Excelon® Plus TR Series HF82C & HF84C Coalescing Filters
For for harsh environments and extreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -40°F to +176°F

Excelon® Plus TR Series HF82V & HF84V Vapor Removal Filters
For for harsh environments andextreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -40°F to +176°F

Excelon® Plus TR Series HR82G & HR84G Pressure Regulators
For for harsh environments and extreme temperatures. 3/8", 1/2", 3/4" (PTF/ISO G)
Adjustable ranges: 5 to 58 psi, 5 to 145 psi, 10 to 247 psi
Max Inlet Pressure: 290 psi
Temp Range: -40°F to +176°F*

Excelon® Plus TR Series HL82M/C & HL84M/C Oil Fog and Micro Fog Lubricators
For for harsh environments and extreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -29°F to +176°F

Excelon® Plus TR Series HT82T & HT84T Shutoff Valve
For for harsh environments and extreme temperatures.
3/8", 1/2", 3/4" (PTF/ISO G)
Max Inlet Pressure: 290 psi
Temp Range: -4°F to +176°F

* See datasheet

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Ported Inline F, R, L's

P8A
Filter-Regulator-Lubricator
3/4" to 1-1/2"
250 psig
0°F to 175°F

P8H
Filter/Regulator-Lubricator
3/4" to 1-1/2"
250 psig
0°F to 175°F

B17
3/4" – 1-1/2"
250psig
-30°F to 175°F

F17 and F18
General purpose filter
3/4" to 1-1/2"
250 psig
-30°F to 175°F

F46 and F47
Oil removal filter
3/4", 1", 1-1/4"
250 psig
-30°F to 150°F

R17, R18
General purpose regulator
3/4" to 2"
450 psig, 300 psig (R17)
-30°F to 175°F*

L17
Lubricator
Oil Fog or Micro-fog®
3/4" to 1-1/2"
250 psig
0°F to 175°F

Miniature Series

Series PTH
Filter/Regulator-Lubricator
1/8" - 1/4"
250 psig*
0°F to 150°F*

B07, B39
Filter/Regulators
1/8", 1/4"
250 psig*
-30°F to 150°F*

F07
General purpose filter
1/8", 1/4"
250 psig*
-30°F to 175°F*

F39
Oil removal filter
1/8", 1/4"
250 psig*
-30°F to 150°F*

R07, R46
General purpose regulator
1/8", 1/4"
300 psig*
-30°F to 150°F*

L07
Micro-fog® lubricator
1/8", 1/4"
250 psig*
0°F to 175°F*

V07
Miniature pressure relief valve
1/8", 1/4"
300 psig
-30°F to 150°F

Pressure, Micro-Trol, Instrument Regulators, Pilot and Feedback Regulators

11-002 & 20AG
Pressure regulator
1/4", 3/8", 1/2"
G3/4, G1
400 psig
-30°F to 175°F*

R24
Micro-Trol pressure regulator
1/4" to 1-1/4"
300 psig
0°F to 150°F

11-018
Precision regulator
1/4"
200 psig*
32°F to 160°F

R40, R41, 11-400, 11-104
Pilot Feedback, feedback
1/4"
360 to 450 psig*
0°F to 175°F

11-042, 11-008, R18, R24
Pilot operated regulator
1/4" to 2"
300 to 450 psig*
0°F to 175°F

Stainless Steel Products

Maxseal IFR3 & IFR4
Filter/regulator
1/4" and 1/2"
290 psig
-22°F to 194°F

B38
General purpose filter/regulator
1/4", 1/2" PTF
450 psig*
-40°F to 175°F

F22, R22, L22
Filter, pressure regulator, lubricator
1/2" NPTF
290 psig*
0°F to 175°F

F05
General purpose filter
1/4" PTF
300 psig
-13°F to 175°F

R05, B05
General purpose regulator & filter/regulator
1/4" PTF
300 psig
-13°F to 175°F*

* See datasheet

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Regulators

R06
Brass miniature
1/8", 1/4"
400 psig
-30°F to 150°F*

R14, R16
Miniature, preset, nonadjustable
1/8", 1/4"
400 psig
-30°F to 175°F*

11-044
Pressure regulator
1/4" tube connecton
250 psig
-30°F to 150°F*

R91
Pressure regulator
1/4"
150 psig
0°F to 125°F*
NSF approved R91W

R43, 11-009
Water regulator
1/4" to 1"
400 psig
-30°F to 200°F

Excelon® Series

Excelon® B72G, B73G, B74G Filter/Regulator
1/4" to 3/4"
250 psig*
-30°F to 175°F*

Excelon® F72, F73, F74 Series
General purpose filters, oil removal, oil vapor, and filter/regulators. 1/4" to 3/4", 250 psig*
-30°F to 175°F*

Excelon® R72G, R73G, R74G
1/4" to 3/4"
300 psig
-30°F to 175°F*

Excelon® L72M/C, L73M/C, L74M/C
1/4" to 1/2"
250 psig*
-30°F to 175°F*

Excelon® V72G, V74G
1/4" to 3/4"
300 psig
-30°F to 175°F*

Excelon® T72, T73, and T74
Shut off valves
1/4" to 3/4", 250 psig
-30°F to 150°F

Olympian® Plus Modular System

B68E/G
Filter/Regulator
1/2" to 1-1/2"
250 psig
0°F to 175°F*

F68 Series
General purpose filters, oil removal, oil vapor, and filter/regulators
1/2" to 1-1/2", 250 psig
0°F to 175°F*

R68G
General purpose
1/2" to 1-1/2"
300 psig
0°F to 175°F

L68M/C
1/2" to 1-1/2"
250 psig
0°F to 175°F*

V68H
1/2" to 1-1/2"
300 psig*
0°F to 175°F*

P68 and T68
Smooth start/exhaust, & Lockout
3/4" to 1-1/2"
250 psig
0°F to 175°F

* See datasheet

IMI

Fittings

Pneufit®
Nickel Plated Brass
Inch - 1/8" to 1/2" O/D tube
Metric - 4 to 12mm O/D tube
Vacuum to 260 psi

Pneufit® C & M
Composite
Inch - 1/8" to 1/2" O/D tube
Metric - 3 to 16mm O/D tube
Vacuum to 150 psi

FEATURED PRODUCT

Pneufit® D
NSF 51 / 61 Acetal
Inch - 5/32" to 1/2" O/D tube
Vacuum to 230 psi

Barb Fittings
Nickel Plated Brass
Inch - 1/16" to 3/8" I/D tube

Function Fittings and Flow Control

Pneufit® Push-in Elbow Banjos
1/4" to 3/8", 4 to 12mm

Flow Controls
5/32" to 1/2", 4 to 16 mm

T1000 Series
Block form controls
1/8" to 1/2" NPT or ISO G

Pneufit® C Inline Flow Control
5/32" to 1/2", 4 to 12 mm

M/800, C/800 Series
Heavy duty flow controls - unidirectional
1/8" to 1"

T55/56 Series
Non-return Valves
1/8", 1/4", 3/8", 1/2"
NPT and ISO G

Air fuses
In-line excess flow shut-off valves
1/4" to 1-1/2"

T65 Series
Shuttle valves
1/8", 1/4", NPT and
ISO G

T70 Series
Quick exhaust valves
1/8" to 1/2"

Pneumatic Accessories
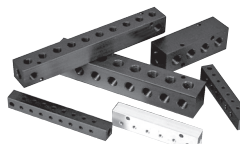
Pressure Sensor
Fitting
5/32", 4 mm

Mufflers & Silencers
Bronze, Aluminum, and Plastic
10-32 to 1-1/2" NPT

Tubing, cutters, mounts, markers

Manifolds
Available in a variety of port sizes, configurations, and materials including aluminum, brass, stainless steel, polypropylene, and nylon materials.

→ online configurators available for cylinders, valves, and FRLs:
norgren.com/en-us

Breakthrough engineering
for a better world

Vacuum Generators

FEATURED PRODUCT

NVP Series
Modular Venturi Generators
Vacuum levels up to 29.5"Hg
Vacuum flows up to 28.0 SCFM

NJ Series
Rugged Cylindrical Generators
Vacuum levels up to 28.0"Hg
Vacuum flows up to 28.0 SCFM

NVDF Series
Variable Flow Vacuum Generators
Vacuum levels up to 25.0"Hg
Vacuum flows up to 120.0 SCFM

NCDF Series
Adjustable Air Amplifier/Blowers
Vacuum levels up to 9.0"Hg
Vacuum flows up to 330.0 SCFM

NDF Series
Material Transfer Generators
Vacuum levels up to 11.0"Hg
Vacuum flows up to 600.0 SCF

Vacuum Cups   End-of-Arm-Tooling & Accessories

Vacuum Cups
A wide range of styles,
materials, and sizes

NCRVT
Fully integrated vacuum tool
designed for collaborative robots

Spring Levelers
Mechanical compensation
for uneven surfaces

Mounting Brackets
To connect spring levelers
and accessories to extrusions

Manifold Blocks
For mounting vacuum cups to
extrusions and/or distributing
vacuum to multiple locations

IMI

Switches and Sensors

**18D
Pressure Switch**
Pneumatic/Hydraulic
Vac - 435 psi
70 to 6100 psi
1/4" NPT
7/16 - 20 UNF

**51D
Solid State Switch**
Pneumatic/all-fluid
14.5 to 145 psi
1/8" NPT

**PTN Analog Pressure
Transducer**
316 Stainless steel housing,
wetted components
1/4" NPT
-4°F to 257°F

34D Pressure Sensor
For neutral and aggressive
gaseous and liquid fluids
Stainless steel wetted
components
-14.5 to 8,702 psi
IO-Link Connectivity

54D Pressure Sensor
Compact, robust, and light
weight sensor for compressed
air applications
-14.5 to 232 psi
IO-Link Connectivity

FEATURED PRODUCT

FEATURED PRODUCT

Industrial Communication

FEATURED PRODUCT

**IO-Link Masters &
I/O Modules**
Gateways for connecting
devices to Profinet and
Ethernet/IP

→ online configurators available for cylinders, valves, and FRLs:
norgren.com/en-us

Warning

Improper selection, misuse, age or malfunction of components used in
systems can cause failure in various modes. The system designer is warned
to consider the failure modes of all component parts and to provide
adequate safeguards to prevent personal injury or damage to equipment
or property in the event of such failure modes. System designers and
end users are cautioned to consult instruction sheets and specifications
available from the factory. The system designer/end user is responsible for
verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's
Standard Terms and Condition of Sale, available at seller's website.

⚠ **WARNING:** Cancer and Reproductive Harm -
www.p65warnings.ca.gov.

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Our Industrial Automation sector operates four global centers of technical excellence and a sales and service network in 50 countries, as well as manufacturing capability in Europe, Americas and Asia Pacific.

Supported by distributors worldwide.

For further information, scan this QR code or visit:

www.imiplc.com/industrial-automation

Industrial Automation

Our product brands:

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