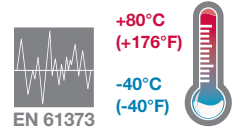


- > Port size: 3/8" ... 3/4" (ISO G/NPT)
- > Excelon design allows in-line or modular installation
- > Push to lock adjusting knob with tamper resistant accessory
- > Wide temperature range
- > Shock and vibration tested to EN 61373, Category 1, class A and B



**Technical features**

**Medium:** Compressed air only  
**Maximum operating pressure:** 20 bar (290 psi)  
**Pressure range:** 0,3 ... 10 bar (4 ... 145 psi)

**Port size:** G3/8, G1/2, G3/4, 3/8 PTF 1/2 PTF, 3/8 PTF  
**Gauge port:** Rc 1/8 with ISO G main ports 1/4 PTF with PTF main ports

**Flow:** See table below  
**Ambient/Media temperature:** -40 ... +80°C (-40 ... +176°F)  
 Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

**Materials:**  
 Body: aluminium  
 Bottom plug: acetal  
 Elastomers: NBR

**Technical data - standard models with relieving**

Symbol	Port size	Size	Flow *		Adjustment	Weight		Model
			dm³/s	scfm		(kg)	(lbs)	
	G3/8	—	98	208	Knob	0,82	1,80	LR74G-3GK-RMN
	3/8 PTF	—	98	208	Knob	0,82	1,80	LR74G-3AK-RMN
	G1/2	Basic	105	222	Knob	0,80	1,76	LR74G-4GK-RMN
	1/2 PTF	Basic	105	222	Knob	0,80	1,76	LR74G-4AK-RMN
	G3/4	—	105	222	Knob	0,78	1,71	LR74G-6GK-RMN
	3/4 PTF	—	105	222	Knob	0,78	1,71	LR74G-6AK-RMN

\* Typical flow at 10 bar (145 psi) inlet pressure, 6,3 bar (90 psi) set pressure and 0,5 bar (7 psi) droop from set.

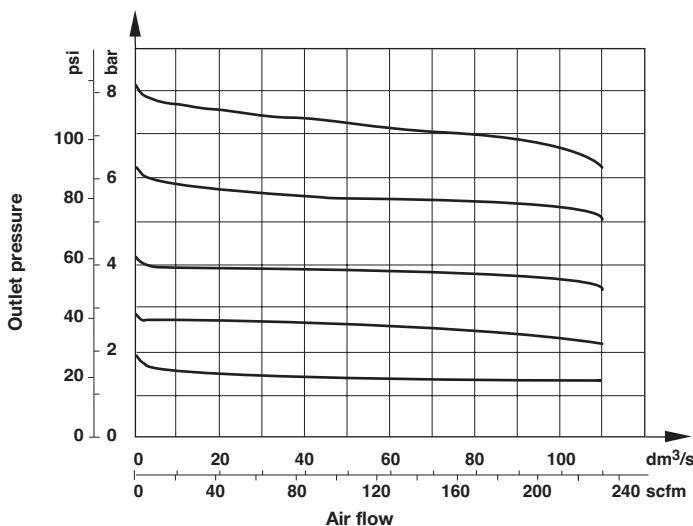
**Option selector**

LR74G-★★★-RMN

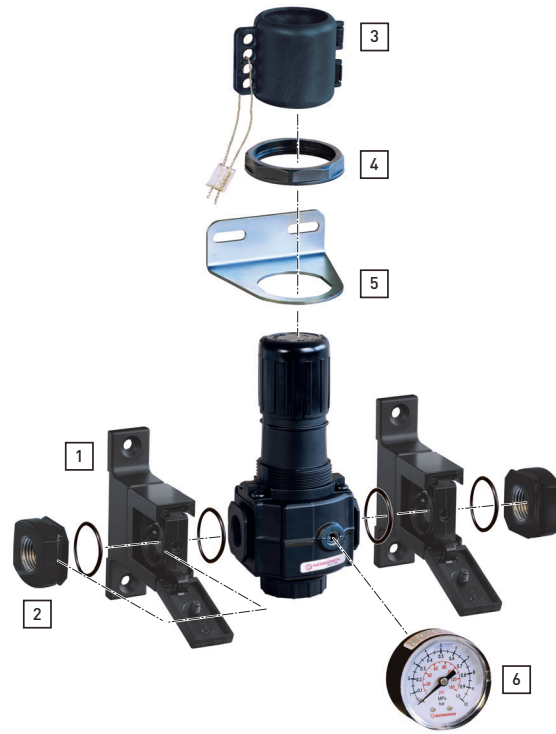
Port size	Substitute	Adjustment	Substitute
3/8"	3	Knob (standard)	K
1/2"	4	T-bar	T
3/4"	6	Thread form	Substitute
		PTF	A
		ISO G parallel	G


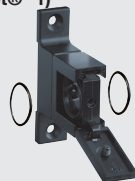




**Flow characteristics**

Inlet pressure: 10 bar (145 psi), Port size: 1/2"



Accessories



Quikclamp®	Quikclamp with wall bracket® *1)	Neck mounting bracket	Panel nut	Tamper resistant kit	Quikmount pipe adaptor
					
<b>1</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	
Page 3	Page 3	Page 3			Page 3
4314-62	4314-63	4368-51	4348-89	4355-51	G3/8: 4315-10
					G1/2: 4315-11
					G3/4: 4315-12
					3/8 PTF: 4315-02
					1/2 PTF: 4315-03
					3/4 PTF: 4315-04

Service kits


**Service kit**



4381-708

Gauge

**Center back connection, white face (for full technical specification see datasheet 8.900.900)**




**6**

Pressure range	bar *1	Mpa	psi	Ø	Thread size	Model
0 ... 10	0 ... 1	0 ... 145	50 mm	R1/8	18-015-013	

\*1) primary scale

**Center back connection, black face for North America (for full technical specification see datasheet 8.900.900)**

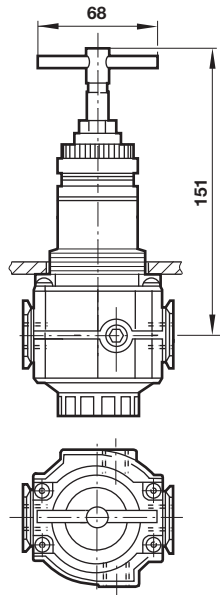
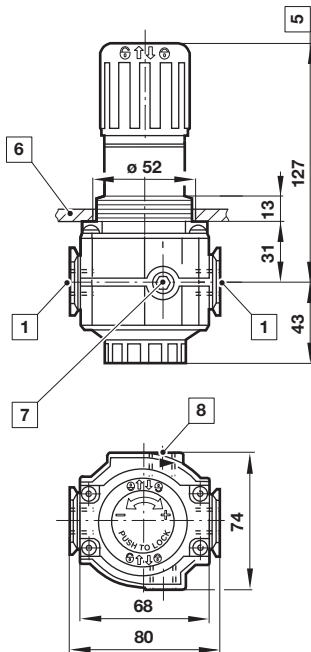


**6**

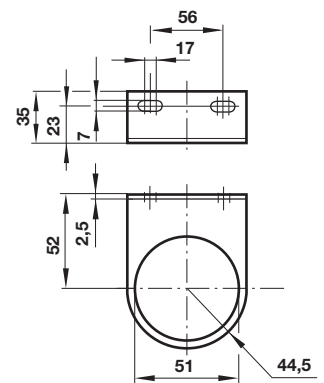
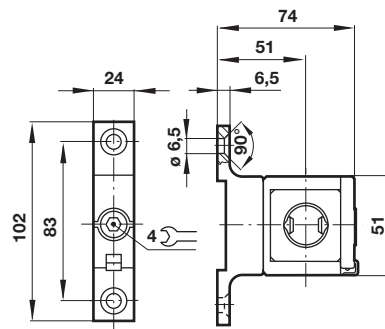
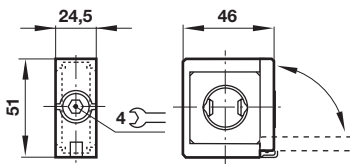
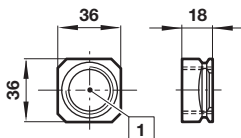
Pressure range	psig *1	bar	Mpa	Ø	Thread size	Model
0 ... 160	0 ... 11	0 ... 1.1	2" (50 mm)	1/4 NPT	18-015-209	

\*1) primary scale

**Drawings**  
**Standard**
**T-bar**

 Dimensions in mm  
 Projection/First angle


- 1 Main ports 3/8", 1/2" or 3/4"
- 5 Reduces by 4 mm with knob in locked position
- 6 Panel thickness 2 ... 6 mm
- 7 Gauge port Rc1/8 for ISO G and 1/4 PTF for PTF main ports
- 8 Alternative gauge port plugged

**Accessories**  
**Quikclamp®**
**Quikclamp® with wall bracket**
**Wall mounting bracket**

**Pipe adapter**


- 1 Main ports 3/8", 1/2" or 3/4" ISO G/PTF

**Warning**

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under

»**Technical features/data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.