

SERIES 651/652/653

How to Order - Particulate Filter/Regulator

8 651 A P B P 2 F A00 G N

Port Type

- 8 = NPTF
- ¹ G = ISO 228/1-G
- J = ISO 7/1 Rc

Product Series

- 651
- 652
- 653

Revision

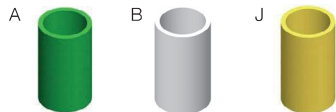
- A

Product Type

- K = Filter/Regulator - Particulate with Internal Flow Check (652 only)
- P = Filter/Regulator - Particulate

Elements

- A = 40 Micron (Green)
- B = 5 Micron (White)
- J = 25 Micron (Yellow)



Bowl Type

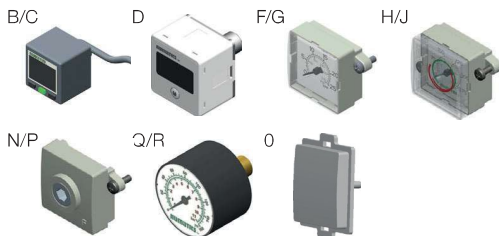
- K = Metal Bowl without Sight Gauge
- L = Metal Bowl with Sight Gauge (Glass)
- M = Metal Bowl with Sight Gauge (Polyamide)
- N = Polycarbonate Bowl without Bowl Guard (651 only)
- P = Polycarbonate Bowl with Bowl Guard

Port Size

- 1 = 1/8 (Series 651)
- 2 = 1/4 (Series 651 or 652)
- 3 = 3/8 (Series 652)
- 4 = 1/2 (Series 652 or 653)
- 5 = 3/4 (Series 653)
- 6 = 1 (Series 653)

Gauge Type

- B = Digital Pressure Switch - PNP (Rated Pressure - 0-145 PSIG/0-10 bar)
- C = Digital Pressure Switch - NPN (Rated Pressure - 0-145 PSIG/0-10 bar)
- D = Digital Gauge (Rated Pressure - 0-145 PSIG/0-10 bar)
- F = Low Profile Gauge PSI/bar
- G = Low Profile Gauge bar/PSI
- H = Low Profile Gauge PSI/bar with Pressure Range Indicator
- J = Low Profile Gauge bar/PSI with Pressure Range Indicator
- N = No Gauge with Port Plate (1/8 NPTF)
- P = No Gauge with Port Plate (1/8 ISO 7/1 Rc)
- Q = Round Gauge bar/PSI
- R = Round Gauge PSI/bar
- 0 = No Gauge Port



Drain Type

- 0 = No Drain
- A = Auto Drain Normally Open
- N = Manual - Semi-automatic Drain
- Q = Manual Drain - Stainless Steel
- C = Auto Drain Normally Closed
- J = External Pulse Drain



Pressure Range

- D = 3-45 PSIG/0.2-3 bar
- E = 3-60 PSIG/0.2-4 bar
- G = 7-125 PSIG/0.5-8 bar
- H = 7-145 PSIG/0.5-10 bar
- ² N = 7-232 PSIG/0.5-16 bar (653 only)

Options

- A00 = No Options
- 101 = Side Mounting Brackets
- 102 = Panel Nut (651 and 652 only)
- 103 = Tamper Resistant
- 104 = Key Lockable
- 105 = High Temperature (80 °C/176 °F)
- ⁴ 106 = Low Temperature (-40 °C/-40 °F)
- 109 = FKM Seals
- 113 = Stainless Steel Fasteners (652 and 653 only)
- 114 = Provision for Key Lockable Option
- 117 = ATEX Zones 1-21
- 119 = Panel Bracket with Panel Nut (651 and 652 only)
- 121 = Non-relieving
- 123 = Gauge Type Mounted for Right-to-Left Flow
- 202 = 105 + 109
- 2A9 = 105 + 106



¹ Conforms to ISO standards 1179-1

² Metal Bowl Types K, L, or M only

³ If multiple options are required, please use the online CAD configurator on the website to generate the part number (www.emerson.com), or consult factory

⁴ Compressed air must be dry enough so no ice formation is present on the product. All bowls should be emptied prior to ambient temperatures dropping below 32 °F (0 °C)