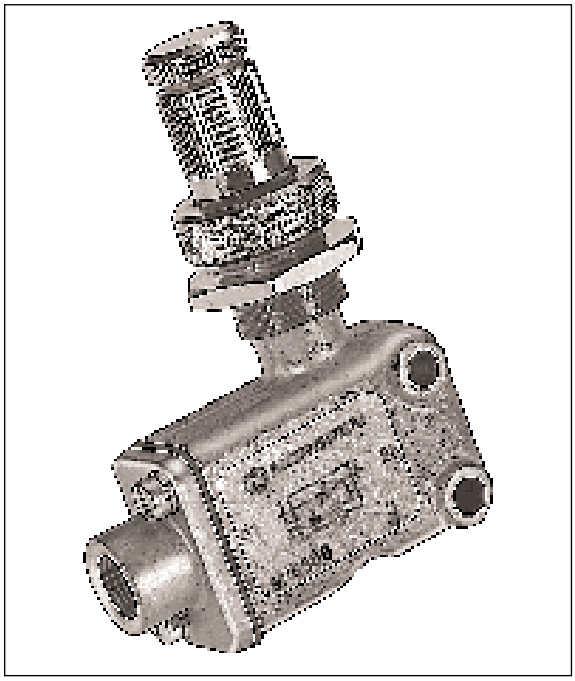
Precision Flow Regulators M/650, C/650, M/677, C/677

In-line Flow Regulators ⅛"

OBSOLETE DOCUMENT Technical Reference Only

- **Precision regulators for time delay circuits**
- **Captive regulating needle will not blow out when unscrewed**
- **Calibrated adjusting knob, can be locked**
- **Suitable for panel or wall mounting**



Technical Data

Medium:
Compressed air, filtered, lubricated and non-lubricated

Operation:
Uni-directional

Mounting:
Panel mounted or through-holes in valve body

Port Size:

BSPP	NPT
G⅛ M/650	⅛ C/650
G⅛ M/677	⅛ C/677

Operating Pressure:
0,7 - 10 bar

Operating Temperature:
-20˚C* to +80˚C

*Consult our Technical Service for use below +2˚C

Materials

Brass body, nickel plated brass adjusting knob, locking ring and panel mounting ring, stainless steel needle, nitrile rubber seals

Ordering Information

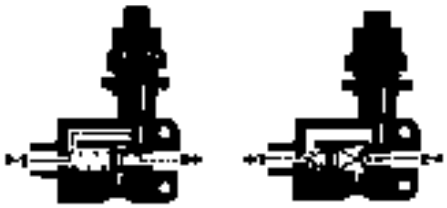
To order, quote model number from table overleaf
e.g. M/650 for the model with the exhaust

Alternative Models

M/800 range of heavy duty flow regulators, see page 5.9.051.01
S/518 precision flow regulators (air & hydraulic) see page 5.9.031.01
M/600 range of heavy duty panel mounting flow regulators, see page 5.9.041.01
T1000 range of block form flow regulators, see page 5.9.001.01

M/650, C/650

M/677, C/677

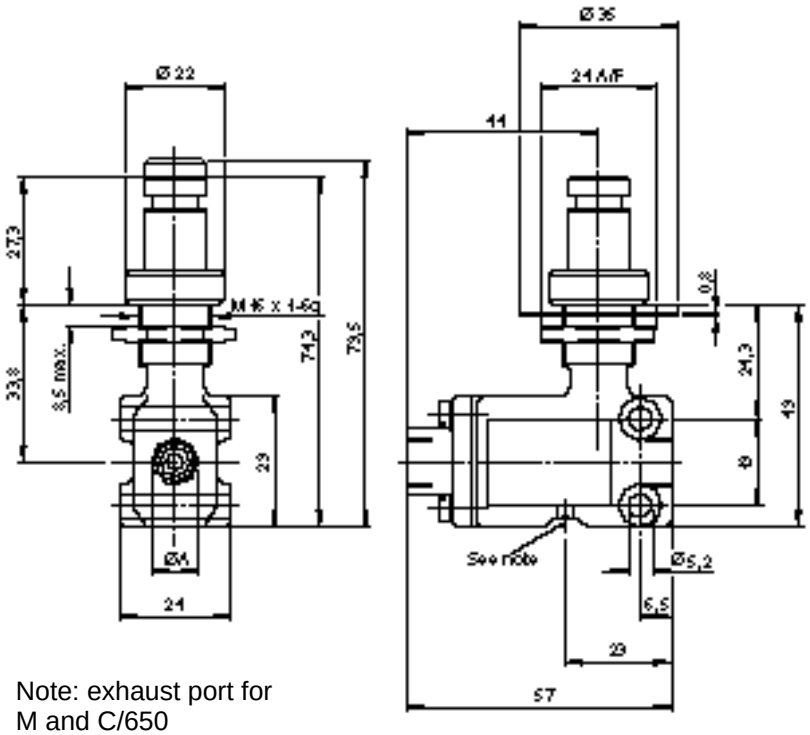


For your local Norgren Technical Sales Centre phone 0345 662266. For your local Norgren Distributor phone 0345 227777.
IMI Norgren Limited, PO Box 22, Eastern Avenue, Lichfield, Staffordshire WS13 6SB

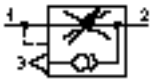
General Information

Model BSPP	Model NPT	Type	Features	Port size	Weight (kg)	Spare kit
M/650	C/650	Uni-directional	Exhaust	⅛	0,24	QM/650/00
M/677	C/677	Uni-directional		⅛	0,24	QM/677/00

Precision Flow Regulator



Note: exhaust port for M and C/650



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Model Number:	**M/650**	**G⅛**
	C/650	**⅛NPT**

Type: Uni-directional with exhaust

Free flow is from ‘2’ to ‘3’

This model features an exhaust and when the time delay has been achieved, removal of the supply to the inlet releases the non-return valve enabling the pressure in the reservoir to be discharged quickly to atmosphere, thus removing the signal.

		ØA
Model Number:	**M/677**	**G⅛**
	C/677	**⅛NPT**

Type: Uni-directional

Free flow is from ‘2’ to ‘1’

When the time delay has been achieved, removal of the supply to the inlet releases the non-return valve enabling the pressure in the reservoir to be discharged back through the regulator, thus re-moving the signal.

Warning

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