

Drip Leg Drain 17-816-998/999

- Port size:
ISO G 1/2
- Automatically expels liquids from the piping network
- Automatic drain valve is float operated when system is pressurized
- Automatic drain valve opens when system is unpressurized, allowing water to escape by gravity
- Install at low points and at far end of piping network



Technical features

Medium:
Compressed air

Maximum supply pressure:
Polycarbonate bowl: 10 bar (145 psi)
Metal bowl: 17 bar (250 psi)

Port size:
ISO G 1/2

Automatic drain connection:
1/8" pipe thread

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain:
Greater than 0.3 bar (5 psi)
Minimum air flow thru drain required to close drain:
1 dm³ /s (2 scfm).

Bowl pressure required to open drain: Less than 0.2 bar (3 psig)
Manual operation: Depress pin inside drain outlet to drain bowl
Flexible tube with 3mm (0.125") minimum I.D. can be connected to the drain.
Avoid restrictions in the tube.

Ambient/Media temperature:

Polycarbonate Bowl
-20° to 50°C (0° ... 125°F)
Metal Bowl
-20° to 80°C (0° ... 175°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Nominal bowl size:

0.16 litre (1/3 pint)

Materials:

Body: Zinc
Transparent Bowl: Polycarbonate
Metal Bowl: Zinc
Drain mechanism: Acetal, Nitrile, stainless steel
Metal bowl liquid level indicator lens: Pyrex Elastomers: Nitrile

Technical data

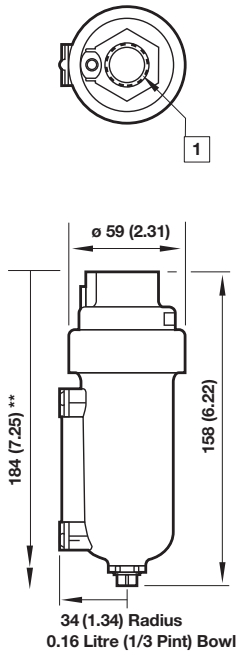
Symbol	Port size	Bowl	Weight (kg)	Model
	G1/2	Guarded polycarbonate	0,38	17-816-999
	G1/2	Metal with level indicator	0,59	17-816-998

Service kits

Replacement drain Automatic



3000-97



1 Port size G1/2

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 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 Norgren Ltd.

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.