M/2720

Two-hand control unit
G1/8

Meets the requirements of EN574 Class IIIB*
Notified Body Approval from BSI Testing
Certificate of Conformity supplied with every unit

Both hands must be engaged simultaneously
Single fault tolerant

Protection against accidental operation

No setting or adjustment required

*The scope of the Machinery Directive encompasses safety components as well as machinery, and since two-hand control units are classed as safety components this requires the M/2720 to satisfy the essential health and safety requirements of the Directive. One method of ensuring this is to conform with published European Norm (EN) Standards. In the case of the M/2720 the main standard is EN574 Safety of Machinery – Two Hand Control Devices, Functional Aspects – Principles for Design. This standard classifies two-hand controls into various types, each requiring minimum performance and safety characteristics, such as simultaneous operation, fault tolerance, prevention of accidental operation etc. In addition, the M/2720 is dimensionally identical to the M/2710 which it directly replaces.

Technical data

Medium:
Compressed air filtered to 40 µm
for lubricated or non-lubricated operation

Operating pressure:
3 to 8 bar

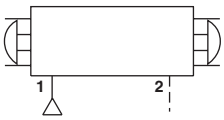
Ambient temperature:
+5 to +40°C

Port size:
G1/8

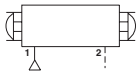
Materials:

Outer cover and end plates: aluminium alloy
Buttons: co-polymer
Seals: nitrile rubber

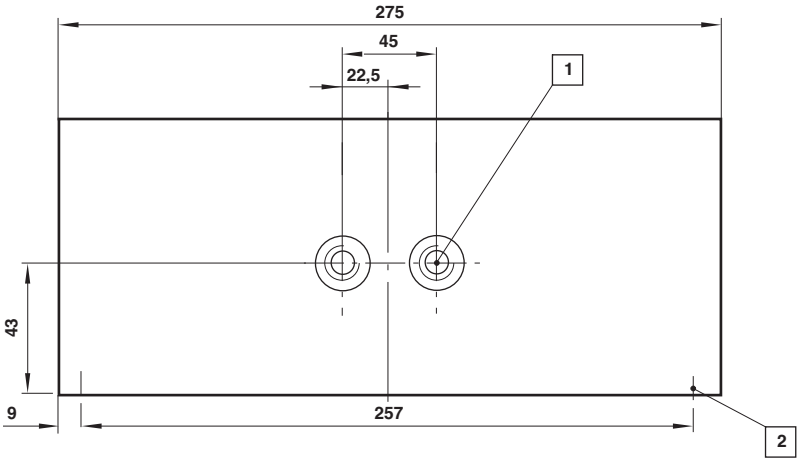
Ordering Information
To order quote part no. M/2720

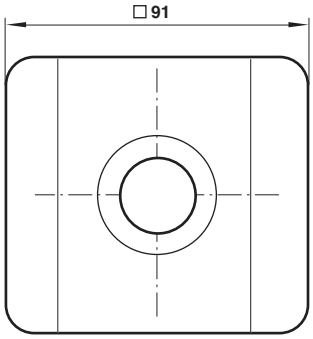


General information

Symbol	Model	Operation	Return	Weight
	M/2720	Both buttons must be operated within 0,5 secs	0,6 secs max.	1.8 kg

Dimensions





1	**Port size G 1/8**
2	**Hole ø 6,5 mm**

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.