T65
Shuttle valve ('OR' logic function)

- Port size: G1/8 & G1/4
- Allow two independent signal sources to be connected to a common pilot line
- Can be used to perform an 'OR' logic function
- Can be combined to operate from three or more sources
- Valves can be ganged together



Technical features

Medium:
Compressed air, filtered, lubricated or non-lubricated, inert gas

Operation:
Shuttle valve ('OR' logic function)

Operating pressure:
0,7 ... 10 bar (10 ... 145 psi)

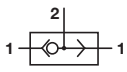
Port size:
G1/8, G1/4

Mounting:
Line mounted

Ambient/Media temperature:
-20 ... +80°C max. (-4 ... +176°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F)

Materials:
Body: zinc alloy
Ball: NBR
Valve seat: brass

Technical data

Symbol	Port size	Flow factor C *1)	Cv	Kv *2)	Flow at 6 - 1 bar (dm³/min)	Weight (kg)	Model
	G 1/8	1,7	0,42	0,36	412	0,055	T65C1800
	G 1/4	2,6	0,64	0,56	631	0,130	T65C2800

*1) Measured in dm³/(s.bar)
*2) Measured in m³/h

Options selector

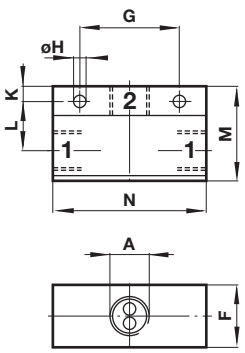
T65★★★00

Thread form	Substitute
ISO G, parallel	C
NPT	A

Port size	Substitute
1/8"	18
1/4"	28

Drawing

A	F	G	Ø H	K	L	M	N	Model
G1/8	15	20	5,25	6	10	25	36	T65C1800
G1/4	20	25	5,25	8	12	30	50	T65C2800



Dimensions in mm
Projection/First angle

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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.

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