

A1P368E00DX00X

The right to introduce technical modifications is reserved

Characteristics to VDI 3290		Pressure quoted as gauge pressure	
Characteristics	Symbol	Unit	Description
General Features			
Type			Spool valve
Mounting			Panel mounting: actuators correspond to internationally standardized mounting diameters to DIN 43696
Tube connection			Thread
Port size			G1/8; 7.4 deep
Installation			In any position
Ambient temperature range	ϑ_{\min} ϑ_{\max}	°C °C	-10 +60
Medium temperature range	ϑ_{\min} ϑ_{\max}	°C °C	-10 +70
Medium			Filtered compressed air
Lubrication			With or without oil mist lubrication ¹⁾
Pneumatic Characteristics			
Nominal pressure	p_n	bar	6
Operating pressure range	p_{\min} p_{\max}	bar bar	2 10
Nominal flow	Q_N	l/min	450
Actuation			
Manual control			Direct
Stroke		mm	4.5

¹⁾ We recommend the use of mineral oil type VG32 to ISO 3448

Actuating Forces and Weights		
Type	Actuation force (N, Nm)	Weight (mass) (kg)
S9 312T-1/8	0.3	0.137
S9 312T-RF-1/8	0.3	0.137
S9 313T-RF-1/8	8.0	0.137
S9 315T-RF-1/8	8.0	0.137
S9 316T-1/8	9.0	0.202
S9 317T-1/8	0.3	0.127
S9 318T-1/8	10.0	0.137

3/2 Way Valve

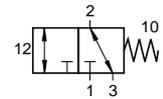
G1/8

for panel mounting

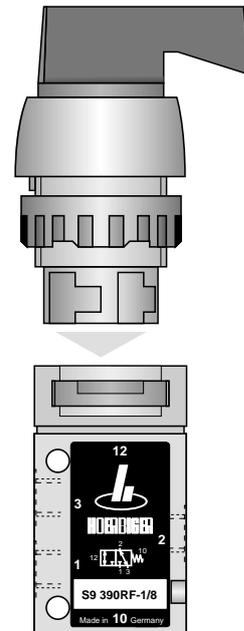
Actuation:
Interchangeable
(see drawing for details)

Series S9

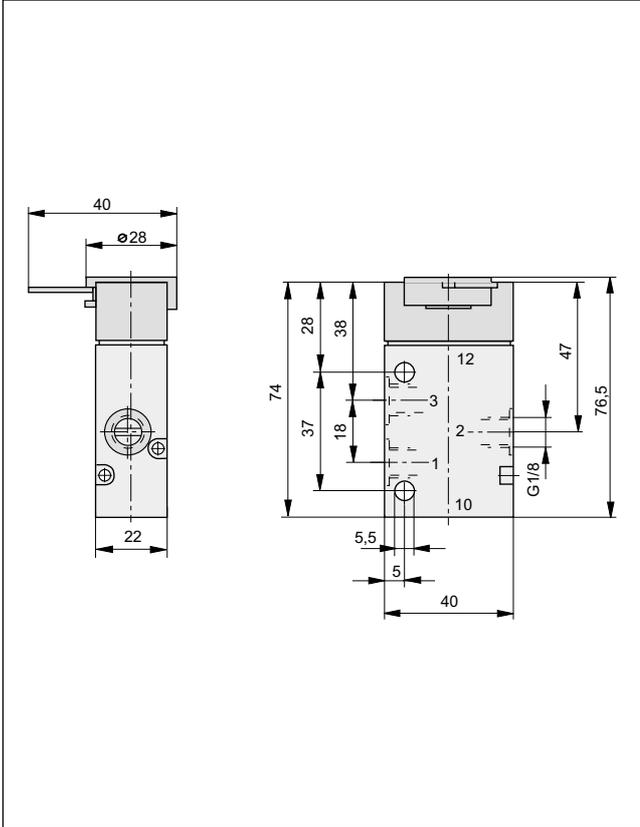
S93..T



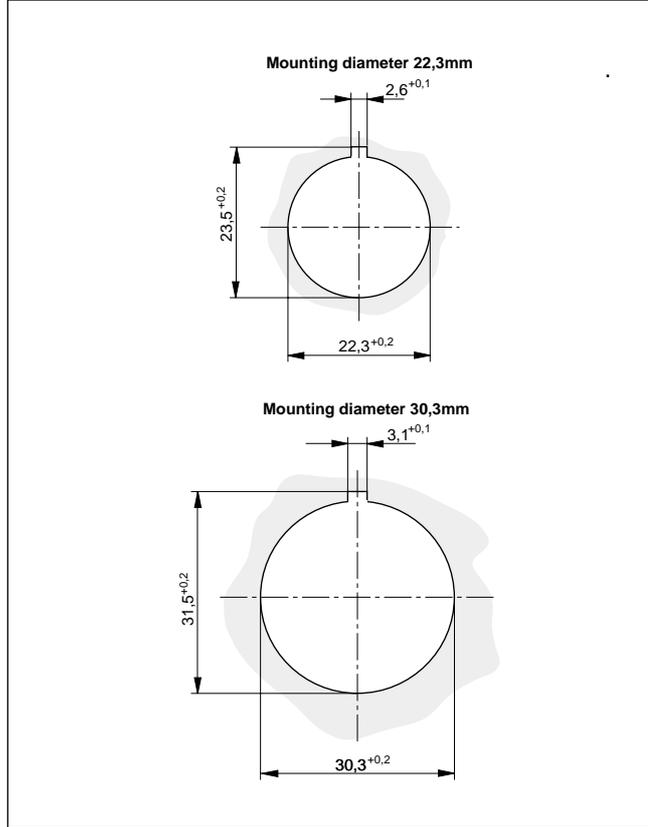
The actuators for these valves are interchangeable and can be mounted with 180° displacement on the basic valve. The actuators are not mounted upon delivery.



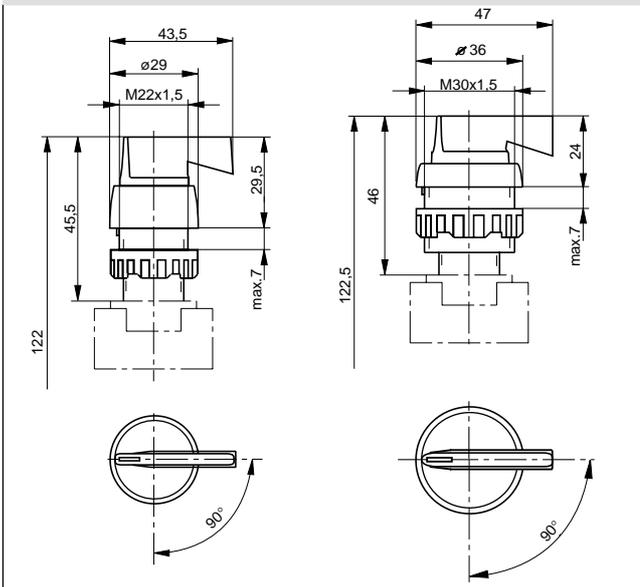
Dimensions (mm) Basic Valve



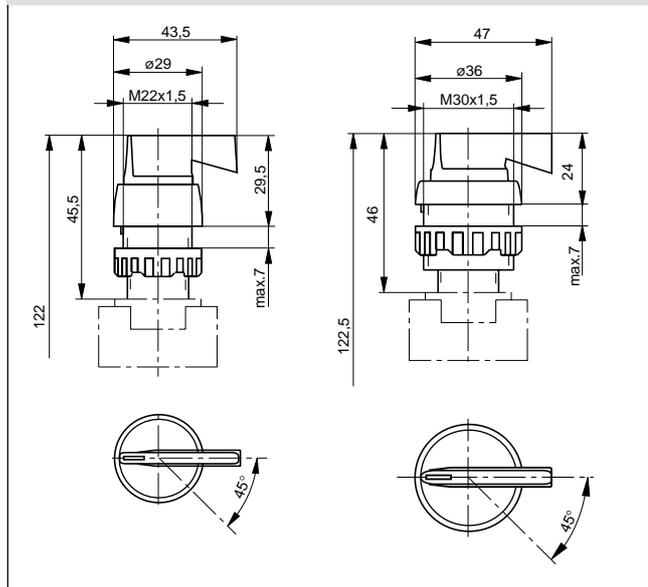
Dimensions (mm) for Mounting Hole



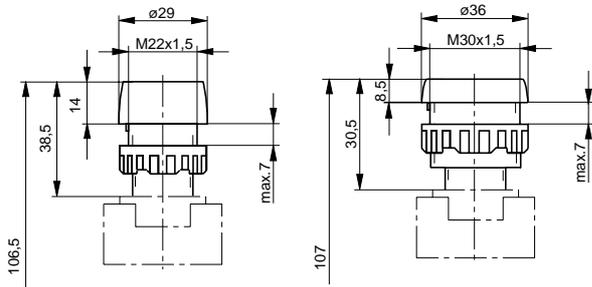
**Dimensions (mm) Rotary Lever, Indexed
Type: 12T-22, 12T-30,**



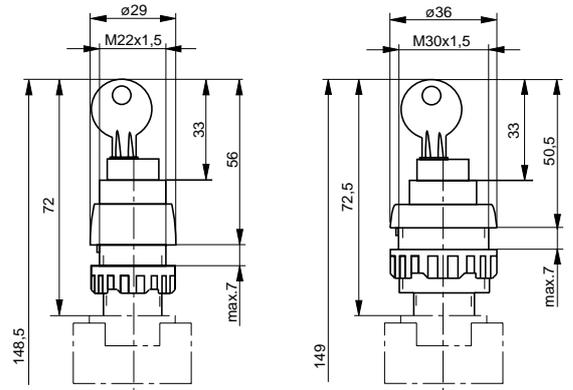
**Dimensions (mm) Rotary Lever with Spring Return
Type: 12T-RF-22, 12T-RF-30**



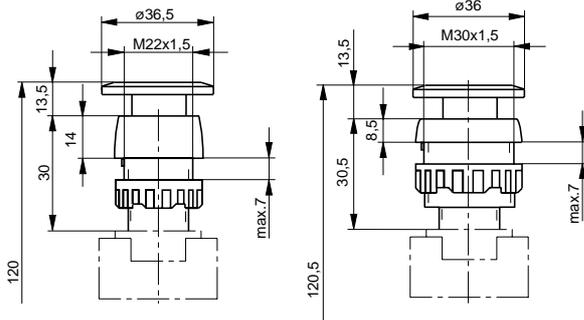
Dimensions (mm) Pushbutton
Type: 13T-RF-22, 13T-RF-30



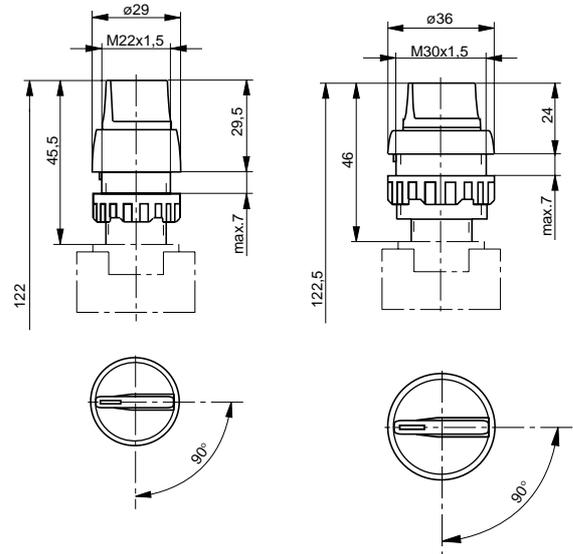
Dimensions (mm) Locking Switch
Type: 16T-22, 16T-30



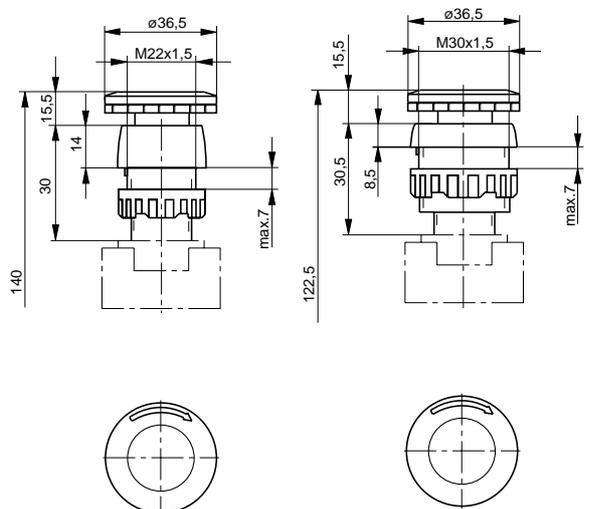
Dimensions (mm) Mushroom Pushbutton
Type: 15T-RF-22, 15T-RF-30



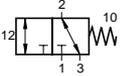
Dimensions (mm) Rotary Switch
Type: 17T-22, 17T-30



Dimensions (mm) Mushroom Switch
EMERGENCY SHUTDOWN Type: 18T-22, 18T-30



Order Instructions

Description	Symbol	Mounting Ø (mm)	Order Instructions	
			Type	Order No.
Basic valve for panel mounting			S9390RF-1/8	PA 10307
Rotary lever, indexed		22	12T-22	KX 9355
		30	12T-30	KX 9314
Rotary lever with spring return		22	12T-RF-22	KX 9356
		30	12T-RF-30	KX 9315
Pushbutton		22	13T-RF-22	KX 9357
		30	13T-RF-30	KX 9316
Mushroom pushbutton		22	15T-RF-22	KX 9358
		30	15T-RF-30	KX 9317
Locking switch		22	16T-22	KX 9359
		30	16T-30	KX 9318
Rotary switch		22	17T-22	KX 9360
		30	17T-30	KX 9319
Mushroom switch EMERGENCY SHUTDOWN		22	18T-22	KX 9361
		30	18T-30	KX 9320