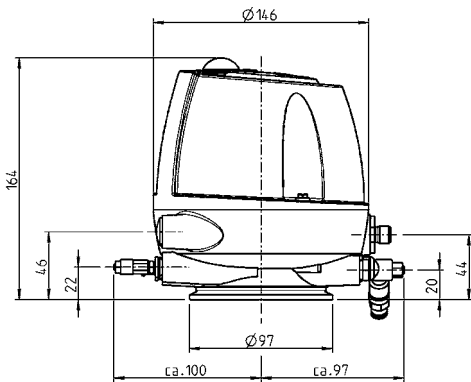


T.VIS® P-15



Technical data of the standard version

Position detection	Path measuring system	
Housing material	PA 12/L	
Ambient temperature	-20 to +55 °C	
Air supply	Pressure range	2 to 8 bar
	Standard	acc. to ISO 8573-1:2010
	Solid content	Quality class 6
	Water content	Quality class 4
	Oil content	Quality class 3
Dimensions of air connections	Metric 6/4 mm, inch 6.35/4.31 mm (1/4")	
Protection class	IP66*	
Sound pressure level via exhaust air throttle	Max. 72 dB	
Visualization	LED (green, yellow, red, blue)	

* Overview on page 49

Type of interface

24 V DC, programmable

Supply

Supply voltage U_v	24 V DC (+20 %, -12.5 %)
No-load current	≤ 20 mA
Maximum current consumption	260 mA
Maximum residual ripple	5 %

Inputs

Control voltage max. 28.8 V DC	High = ≥ 13 V DC; low = ≤ 6 V DC
Pilot current	≤ 10 mA

Outputs

Output voltage	High = UV - ≤ 5 %; low = ≤ 5 V
Max. current	200 mA short circuit-proof
Switching frequency	(ohmic + inductive loads ≤ 25 mH) 2 Hz
Operating current	Internal solenoid valve (IPV) 35 ... 45 mA
Analog input	Setpoint 4-20 mA/0-100 % stroke
Analog output	Actual value 4-20 mA/0-100 % stroke
Load	Max. 600 Ω

Position	Description of the order code	
14	T.VIS® version	
	TP15	Control top T.VIS® P-15
15	Control top type	
	I	2 solenoid valves
16	Feedback	
	4	T.VIS® P-15 (with analog module)
	5	T.VIS® P-15 (with analog module + 2 digital feedbacks/error output)
17	Type of interface	
	P	24 V DC, programmable
18	Type of interface	
	A	24 V DC, 0.85 W
19	Screw connection	
	J	Metric air connection, 5-pin M12 plug, A-coded With feedback code 5: additional M12 plug B-coded inclusive
	P	Inch air connection, 5-pin M12 plug, A-coded With feedback code 5: additional M12 plug B-coded inclusive
	IMPORTANT: Please also order the appropriate connection sockets as well.	
Options (multiple selection possible)		
/18/19	Supply and exhaust air throttle	
/22	5-pin connection socket for screw connection A-coded (article no. 508-963) 5-pin connection socket for screw connection B-coded (article no. 508-964)	
/50	Metal plate engraved	
/51	Metal plate (US-Version)	
/52	Adhesive label	
/66	Protection class IP66 ¹⁾	
/67	Protection class IP67 ¹⁾	
/69k	Protection class IP69 ^{1), 2)}	
/UC	Certification UL/CSA for indoor use	

¹⁾ Overview on page 49

²⁾ Not available in combination with option /22. Cap without buttons.

The code is composed as following, depending on the chosen configuration:

Position	14	15	16	17	18	19	Options					
Code	TP15			P	A		/18	/19	/66			