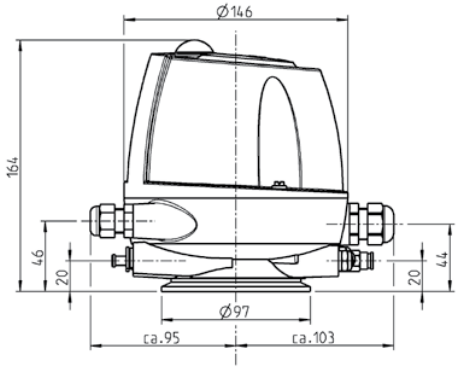
Technical data of the standard version		
Position detection	Sensors	
Housing material	PA 12/L	
Ambient temperature	–20 to +60 °C	
Air supply	Pressure range	2 to 8 bar
	Standard	acc. to ISO 8573-1:2010
	Solid content	Quality class 6
	Water content	Quality class 4
	Oil content	Quality class 3
Dimensions of air connections	Metric 6/4 mm, inch 6.35/4.31 mm (¼")	
Protection class	IP66 (powerful water jet)	
Sound pressure level via exhaust air throttle	Max. 72 dB	
Visualization	LED (green, yellow)	
Certificates (optional)	C SP US	• CSA C22.2 • UL 429



Type of interface	24 V DC, 3-wire, PNP 24 V DC, 3-wire, NPN	48 – 130 V AC
Supply		
Operating voltage	24 V DC (+20 %, –12.5 %)	48 – 130 V AC
No-load current	≤ 40 mA	≤ 51 mA
Maximum current consumption	285 mA	185 mA
Polarity reversal protection	Yes	Yes
Certificate	cCSAus	cULus
Inputs		
Activation voltage	21 – 28.8 V = high; < 16 V = low	48 – 130 V = high*; < 30 V = low > 1.5 mA = high*; < 0.4 mA = low
Current consumption per input	≤ 35 mA	≤ 3 mA
Activation "PV Y1"	Direct PV activation	Electronic input
Activation "PV Y2"	Direct PV activation	Electronic input
Activation "PV Y3"	Direct PV activation	Electronic input
Outputs		
Connection type	24 V DC (PNP/NPN with changeover function)	
Maximum current carrying capacity per feedback output	50 mA	≤ 100 mA
Voltage drop on the outputs	≤ 3 V	≤ 5 V
Feedback "start position"	Electronic outputs	Electronic outputs
Feedback "end position"	Electronic outputs	Electronic outputs
Feedback "seat lift position"	Electronic outputs	Electronic outputs

* Leakage currents can arise if PLC modules with electronic outputs are used. If the leakage currents are more than 1.5 mA, it is essential to use a load resistor in parallel with the interface module. Recommendation: 15 kΩ/2 W

Position	Description of the order code	
14	**Feedback location**	
	TM15	Control top T.VIS® M-15
15	**Control top type**	
	N	Without solenoid valve
	P	1 solenoid valve Y1
	R	1 solenoid valve Y1 (retrofittable: Y2, Y3)
	I	2 solenoid valves Y1, Y2 (retrofittable: Y3)
	J	2 solenoid valves Y1, Y3 (retrofittable: Y2)
	L	3 solenoid valves Y1, Y2, Y3
	V	1 solenoid valve Y1 (retrofittable: Y2, Y3), logic NOT-element
	X	2 solenoid valves Y1, Y2 (retrofittable: Y3), logic NOT-element
	Y	3 solenoid valves Y1, Y2, Y3, logic NOT-element
16	**Feedback**	
	2	2 feedbacks
	3	2 feedbacks with external proximity switch
17	**Type of interface**	
	B	24 V DC, 3-wire, PNP
	N	24 V DC, 3-wire, NPN
	C	48–130 V AC
18	**Solenoid valve**	
	A	24 V DC, 0.85 W
	0	Without
19	**Screw connection**	
	M	Metric air connection, M20×1.5 cable gland
	Z	Inch air connection, 0.5" NPT cable gland
	J	Metric air connection, 5-pin M12 plug (1 solenoid valve, 2 feedbacks)
	P	Inch air connection, 5-pin M12 plug (1 solenoid valve, 2 feedbacks)
	H	Metric air connection, 8-pin M12 plug (> 1 solenoid valve, > 2 feedbacks)
	I	Inch air connection, 8-pin M12 plug (> 1 solenoid valve, > 2 feedbacks)
	B	Inch air connection, Brad Harrison 0.5" NPT 5-pin plug (US)

	Options (multiple selection possible)	
	/18	Supply air throttle: regulates the opening speed of the valve
	/19	Exhaust air throttle: regulates the closing speed of the valve
	/22	5-pin M12 connection socket for screw fitting J, P (article no. 508-963) 8-pin M12 connection socket for screw fitting H, I (article no. 508-061)
	/67	Protection class IP67 (temporary immersion)
	/69k	Protection class IP69k (high pressure spray down)
	/UC	Certification UL/CSA

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

Position	14	15	16	17	18	19	Options					
Code	TM15											