
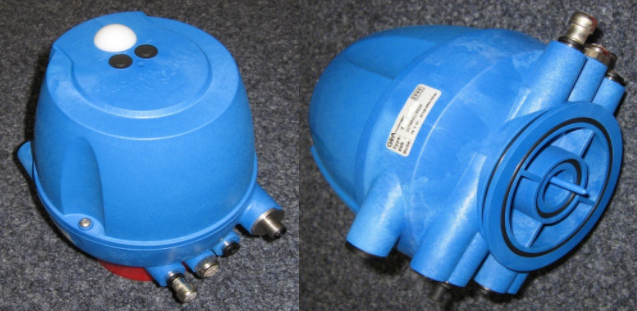


Summary of scheduled changings within the development T.VIS A-7 to T.VIS A-8

(Today) T.VIS A-7	(Future) T.VIS A-8
	
Assembly	
Cover can be taken off.	Cover can not be taken off (similar to T.VIS P-20)
Stroke measuring system is not visible from the outside.	A small part off the stroke measuring system is visible on the bottom side of the control head if the head is not mounted on a valve. (similar to T.VIS P-20) A colored protection cap will be used to protect the measuring system if the head is not mounted on a valve.
24 V DC: Electrical connection via terminals inside the head ASi: M12 connector from the outside.	24 V DC: Electrical connection always via M12 connector from the outside. 5pin connector for single seat valves and 8pin for double seat valves. M12 Cable socket with terminals available to plug on outside. ASi: M12 connector from outside
Operation	
To start the SETUP procedure the cover must be taken off, a Jumper must be connected between two terminals and the push button on the electrical module must be pushed.	The SETUP procedure can be started by two push buttons located on top of the cover outside the head (special procedure)
To reset a failure the cover must be taken off and the push button on the electrical module must be pressed.	To reset a failure one of the two push buttons on top of the cover must be pushed
The selection of the tolerance band can only be done by using a PALM or a Laptop.	The selection of the tolerance band can only be done by using the push buttons on top of the cover (special procedure with menu function; similar to P-20)
The activation or deactivation of the LEFF function can only be done by using a PALM or a Laptop	The activation or deactivation of the LEFF function can only be done by using the two push buttons on top of the cover (special procedure with menu function)
The number of usable solenoid valves inside the head must be defined for the internal software by using a PALM or a Laptop.	The number of usable solenoid valves will be automatically identified by means of the number of connected solenoids.
To let the internal software know that a external proximity switch is present a PALM or a Laptop must be used.	The existence of a external proximity switch will be automatically detected if the sensor is connected to the provided terminals.
The manual activation of all solenoid valves can be done by using the manual operating element on the solenoid inside the head.	If electrical power is present the manual activation of the solenoid for the main stroke is possible by using the two push buttons on top of the cover (special procedure) If no electrical power is available control air can be supplied to the actuator by using a air connection on the outside of the head. No manual activation of the lift strokes possible.
Performance	
Maintenance function integrated	No Maintenance function integrated
Not usable as a position indicator (without solenoid valve)	Also usable as a position indicator (without solenoid valve)
The activation of two solenoid valves in the same time will create a failure indication.	The activation of two solenoid valves in the same time will create no failure indication.
Using solenoid valve Y3 for an adjacent valve without control head is not permitted	Using solenoid valve Y3 for an adjacent valve without control head is permitted.
NPN/PNP selectable	Only PNP possible
Feedback for valve disk in lift position (Seatlift Y2) possible	No feedback for valve disk in lift position possible
Separate output for failure. If the output is active all other feedbacks are set to off.	No separate output for failure but if a failure occurred all feedbacks are set to off.
Additional performance	
Diagnostic by connecting the T.VIS to a PALM or Laptop	No diagnostic available
Statistic for feedback positions readable by connecting the T.VIS to a PALM or Laptop.	No statistic available
Failure code readable by connecting the T.VIS to a PALM or Laptop.	No failure code available
Available accessories	
Handheld and configuration software für PC	No operator device available and no diagnostic interface existing