

Technical data		WTR	1-P421 S08	2-P621 S22	2-P621 S22								
Scanning distance	300 .. 900 mm, adjustable												
Light spot diameter	Approx. 40 mm at 900 mm												
Light source ¹⁾ , light type	LED, infrared light												
Supply voltage V_S ²⁾	10 .. 30 V DC												
Ripple ³⁾	< 5 V _{pp} within V_S												
Current consumption ⁴⁾	< 25 mA												
	< 50 mA												
Switching outputs	PNP dark-switching												
	HIGH = V_S - < 2 V / LOW = 0 V												
Output current I_O max.	100 mA												
	Cable, PVC, to motor/valve: 600 mA												
	Cable, PVC, to motor/valve: 100 mA												
Switching frequency	250/s												
Connection type ⁵⁾	Cable, PVC, 1.2 m with 4-pin receptacle												
	Cable, PVC, 2.0 m with 4-pin receptacle												
	Cable, PVC, 1.5 m to motor/valve												
	M12 plug, 4-pin												
Number of WTRs ⁶⁾	Approx. 30												
VDE protection class ⁷⁾	□												
Circuit protection ⁸⁾	A, B, C												
Enclosure rating	IP 54												
Ambient temperature	Operation -40 °C .. +60 °C												
	Storage -40 °C .. +75 °C												
Weight	Approx. 100 g												
	Approx. 110 g												
Housing material/surface	ABS												
Logic mode	Individual feed, single release, slug release												
	Individual feed, single release												
	sleep mode, awake mode												

¹⁾ Average service life 100,000 h at $T_A = +25 °C$

²⁾ Limit values without load, without solenoid valve

³⁾ May not exceed or fall short of V_S tolerances

⁴⁾ Without load, without valve

⁵⁾ Do not bend cable below 0 °C

⁶⁾ Max. per individual feed at 27.6 V DC as well as dependent on the solenoid valve (1W)/motor

⁷⁾ Reference voltage 50 V DC

⁸⁾ A= Inputs/outputs reverse polarity protected

B= Outputs short-circuit protected

C= Interference pulse suppression

