

# Characteristics and options

Properties	MEGACONTROL DOL	MEGACONTROL VFD	DP VAR	NASTEC
<b>General control</b>				
Pressure control (desired value / range)	On / Off	x	x	x
Temporarily increase the pressure slightly before switching off	x	x	x	x
Optimised pump staging	x	x	x	x
Continuously optimised after-run time of the pumps	x	x	-	-
Adjustable correction factor for pressure loss in the system	x	x	x	x
Max. run time switching	x	x	x	-
<b>Dry running</b>				
Adjustable delay of the underpressure / run-dry protection.	x	x	x	x
Run-dry manual / auto reset setting	x	x	x	x
Standard run-dry type	Switch	Switch	Sensor	Switch
Optional run-dry type	Sensor	Sensor	-	Sensor
<b>Display &amp; operation</b>				
Information display	x	x	x	With App
Alarm LEDs	x	x	x	x
Manual pump starting	x	x	x	x
Programming via Display / PC / Bluetooth	Display / PC	Display / PC	PC (limited with Display)	Bluetooth
<b>Alarm</b>				
Voltage-free signalling "urgent" (red LED) and "not urgent" (orange LED)	Combined contact	Combined contact	Failures P1 (not a combined contact)	Status of each pump (not a combined contact)
High and low pressure alarm	x	x	x	x
<b>Extra control</b>				
Option for controlling the level in a lead tank	x	x	-	-
Test run function	x	x	x	x
Flush valve activation	x	x	-	-
Medium / area temperature measurement	Option	Option	-	-
Alternative desired value via contact / date	x	x	-	-
Leakage notification	Option	Option	-	-
External acknowledge	x	x	-	-
Generator operation	x	x	-	-
<b>Miscellaneous</b>				
Switch frequency	N/A	2-16 kHz	2-8kHz	2-10kHz
Master transfer	N/A	N/A	x	x
Multiple pressure sensors	-	-	-	x
Number of pumps	1-6	1-6	1-6	1-3 (In 1-2)
Modbus or Profibus (Building Management System connection)	Option	Option	Option	Standard
System pressure	x	x	x	x
Pump status	x	x	x	x
Current / frequency / power	-	-	x	x
Current system/pump load	x	x	x	x
Supply pressure	x	x	x	Option
Ambient temperature (optional)	x	x	-	-
Current faults	x	x	x	x
Fault history	x	x	x	x