



Valve controllers

Valve controllers					
Product	Series	Design	Specifications		Bulletin
Neles NDX Intelligent valve controllers 	NDX1510-series	Compact	Power: Taken from the 4 to 20 mA, control signal Pressure: 1.4 – 8.0 bar / 20 – 115 psi Temperature: -40 to +85 °C / -40 to +185 °F Communication: HART		7NDX22, 7NDX23, CB058
	NDX1511/NDX2511-series	Standard			
	NDX1512/NDX2512-series	Explosion proof			
Neles ND9000 Intelligent valve controllers 	ND9100-series	Standard	Power: Taken from the 4 to 20 mA, control signal or fieldbus powered Pressure: 1.4 – 8 bar / 20 – 115 psi Temperature: -53 to + 85 °C / -63 to +185 °F Communication: HART, Profibus PA, Foundation Fieldbus		7ND9021, CB058
	ND9200-series	Explosion proof			
	ND9300-series	Stainless steel enclosure intrinsically safe and explosion proof			
	ND9400-series	Stainless steel intrinsically safe			

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Neles ValvGuard VG9000 intelligent safety solenoids 	VG9200-series	Standard epoxy coated anodised aluminium alloy enclosure, intrinsically safe and explosion proof	Input: Foundation Fieldbus + 0/24 VDC, 4/20 mA, 0/24 VDC with RCI9H2 Pressure: 3.0 – 7.5 bar / 44 – 109 psi Temperature: -40 to +85 °C / -40 to +185 °F Communication: Foundation Fieldbus, HART Safety: TÜV SIL 3 approved partial stroke testing system for emergency shutdown valves	9VG921, CB058
	VG9300-series	Full 316 stainless steel enclosure, intrinsically safe and explosion proof		
Neles ValvGuard VG9PST partial stroke testing device used with external solenoid valve 	VG9200-series	Standard epoxy coated anodised aluminium alloy enclosure, intrinsically safe and explosion proof	Input: 8-20 mA Pressure: 3.0 – 7.5 bar / 44 – 109 psi Temperature: -40 to +85 °C / -40 to +185 °F Communication: HART	9VG921, CB058
	VG9300-series	Full 316 stainless steel enclosure, intrinsically safe and explosion proof		
Neles™ SwitchGuard™ intelligent on/off valve controller 	VG9200-series	Standard anodised aluminium alloy enclosure, intrinsically safe and explosion proof	Input: 0/24 VDC with converter or 4 – 20 mA Pressure: 3.0 – 8.0 bar / 44 – 115 psi Temperature: -40 to +85 °C / -40 to +185 °F Communication: HART	7SG20, CB058
	VG9300-series	Stainless steel enclosure, intrinsically safe and explosion proof		