

# Specification

## ■ Specifications

Switch part no.	D-M9NA	D-M9NAV	D-M9PA	D-M9PAV	D-M9BA	D-M9BAV
Lead wire orientation	In line	Perpendicular	In line	Perpendicular	In line	Perpendicular
Wiring	3-wire				2-wire	
Output	NPN		PNP		-	
Applicable load	IC circuit/Relay/PLC				24 VDC Relay/PLC	
Power supply voltage	5/12/24 VDC (4.5 to 28 VDC)				-	
Current consumption	10 mA or less				-	
Load voltage	28 VDC or less		-		24 VDC (10 to 28 VDC)	
Load current	40 mA or less				2.5 to 40 mA	
Internal voltage drop	0.8 V or less at load current of 10 mA (2 V or less at load current of 40 mA)				4 V or less	
Current leakage	100 μA or less at 24 VDC				0.8 mA or less	
Indication light	Operating position: The red LED lights up. Optimum operating position: The green LED lights up.					
Standard	CE/UKCA marked					

## ● Oilproof heavy-duty lead wire specifications

Switch part no.		D-M9NA#	D-M9NAV#	D-M9PA#	D-M9PAV#	D-M9BA#	D-M9BAV#
Sheath	Outside diameter (mm)	2.6					
	Wires	3-wire (Brown, Blue, Black)				2-wire (Brown, Blue)	
Insulator	Outside diameter (mm)	0.88					
	Cross section (mm <sup>2</sup> )	0.13					
Conductor	Wire diameter (mm)	0.05					
	Minimum bending radius (mm) (Reference value)	17					