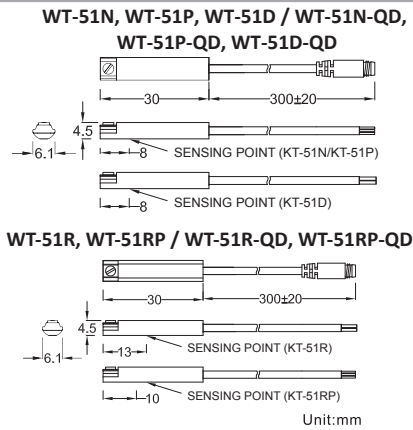


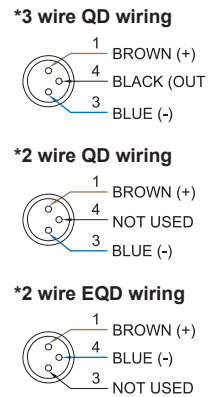
WT-51 SERIES



DIMENSION



QD PINOUT



SPECIFICATION

TYPE	WT-51R	WT-51D	WT-51N	WT-51P	WT-51RP
CONNECT DIAGRAM					
CHARACTERISTICS					
WIRING METHOD	2-Wire Type		3-Wire Type		
SWITCHING LOGIC	SPST, Normally Open	Solid State Output, Normally Open			SPST, Normally Open
SENSOR TYPE	Reed Switch	--	NPN Current Sinking	PNP Current Sourcing	Reed Switch
OPERATING VOLTAGE	5~240V DC/AC	10~28V DC	10~30V DC		10~30V DC/AC
SWITCHING CURRENT	100 mA max.	50 mA max.	200 mA. max		500 mA. max
CONTACT RATING (NOTE 1)	10 W max.	1.5 W max.	6 W max.		10 W max.
CURRENT CONSUMPTION	--		20 mA @ 24V DC max.		5 mA @ 24V DC max.
VOLTAGE DROP	3.0 V max.	3.5 V max.	1.5 V max.		0.1 V @ 100mA max.
LEAKAGE CURRENT	--	0.8 mA max.	0.05 mA max.		--
INDICATOR	Red LED			Yellow LED	
CABLE	ø3, 2C, PUR		ø3, 3C, PUR		
OPERATING FREQUENCY	200 Hz		1000 Hz		200 Hz
MAGNET REQUIREMENT (NOTE 2)			65 Gauss		
TEMPERATURE RANGE			-10~70 °C		
SHOCK (NOTE 3)	30 G		50 G		30 G
VIBRATION (NOTE 4)			9 G		
ENCLOSURE CLASSIFICATION			IEC 529 IP 67		
PROTECTION CIRCUIT (NOTE 5)	1	2,4	2,3,4		1

NOTE:

1. WARNING: Never exceed rating (Watt=Voltage x Amperage). Permanent damage to sensor will occur.
2. Measuring standard target: ø15.5xø8X5t (Anisotropy rubber magnet)
3. Sin wave / X, Y, Z 3 directions / 3 times each direction / 11 ms each time.
4. Double amplitude 1.5 mm / 10Hz~55Hz~10Hz (Sweep 1 min) / X, Y, Z 3 directions / 1 hour each time.
5. 1=None / 2=Short-circuit / 3=Power Source Reverse polarity / 4=Surge Suppression

GROOVE DIMENSION

WT-50 & WT-51 series can be applied to many kind of cylinders

