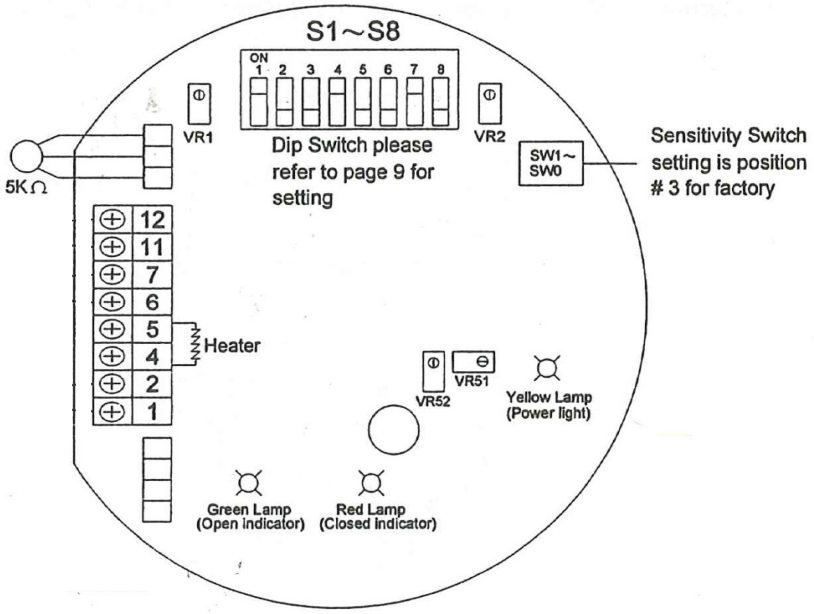
QTS OM 1 & OMA modulating board



The Procedure for Adjusting VR1 & VR2

Calibration of actuator to input control signals:

⇨ **VR2 adjusts 4mA, 2V, 1V (Fully closed).**
VR1 adjusts 20mA, 10V, 5V (Fully open).

1. **Turn VR2 fully clockwise.**
2. **Set the device that supplies the input signal(4mA) to "fully closed".**
3. **Turn VR2 anticlockwise until the red LED comes on.**
4. **Turn VR1 fully anticlockwise.**
5. **Set the device that supplies the input signal (20mA) to "fully open)".**
6. **Turn VR1 clockwise until the green LED comes on.**

KLINGER Danmark as
Nyager 12
DK-2605 Brøndby
Tel.: +45 43 64 66 11
Fax.: +45 43 64 11 42 *e-mail: info@klinger.dk* *www.klinger.dk*

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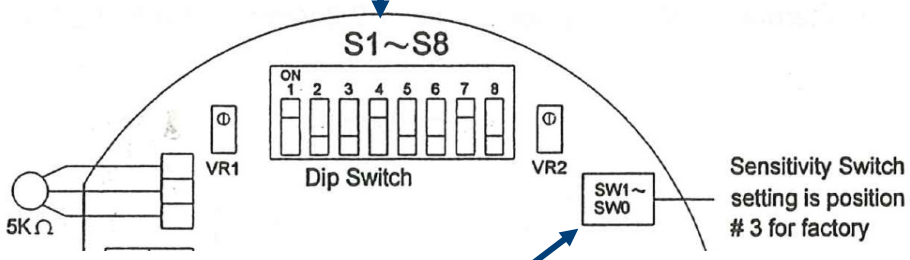
DIP Switch Setting

8	7	6	5	4	3	2	1	
ON	OFF	OFF	OFF	ON	OFF	OFF	ON	< Factory setting
						OFF	ON	4-20mA input
						OFF	OFF	1-5V input
						ON	OFF	2-10V input
						4-20mA output		
						2-10V output		
		OFF	20mA / 5V / 10 V means Valve fully open					
		ON	20mA / 5V / 10V means Valve fully closed					
ON	OFF	Close Valve if input signal is disconnected						
OFF	ON	Open Valve if input signal is disconnected						



Sensitivity switch

Factory setting is 3

Lowest setting is 0:
0-90 degree can be divided up to around 17 times movement

Highest setting:
0-90 degree can be divided up to around 80 times movement

KLINGER Danmark as
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DK-2605 Brøndby
Tel.: +45 43 64 66 11
Fax.: +45 43 64 11 42 *e-mail: info@klinger.dk* *www.klinger.dk*