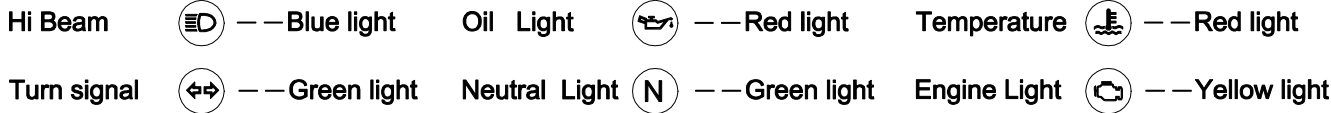
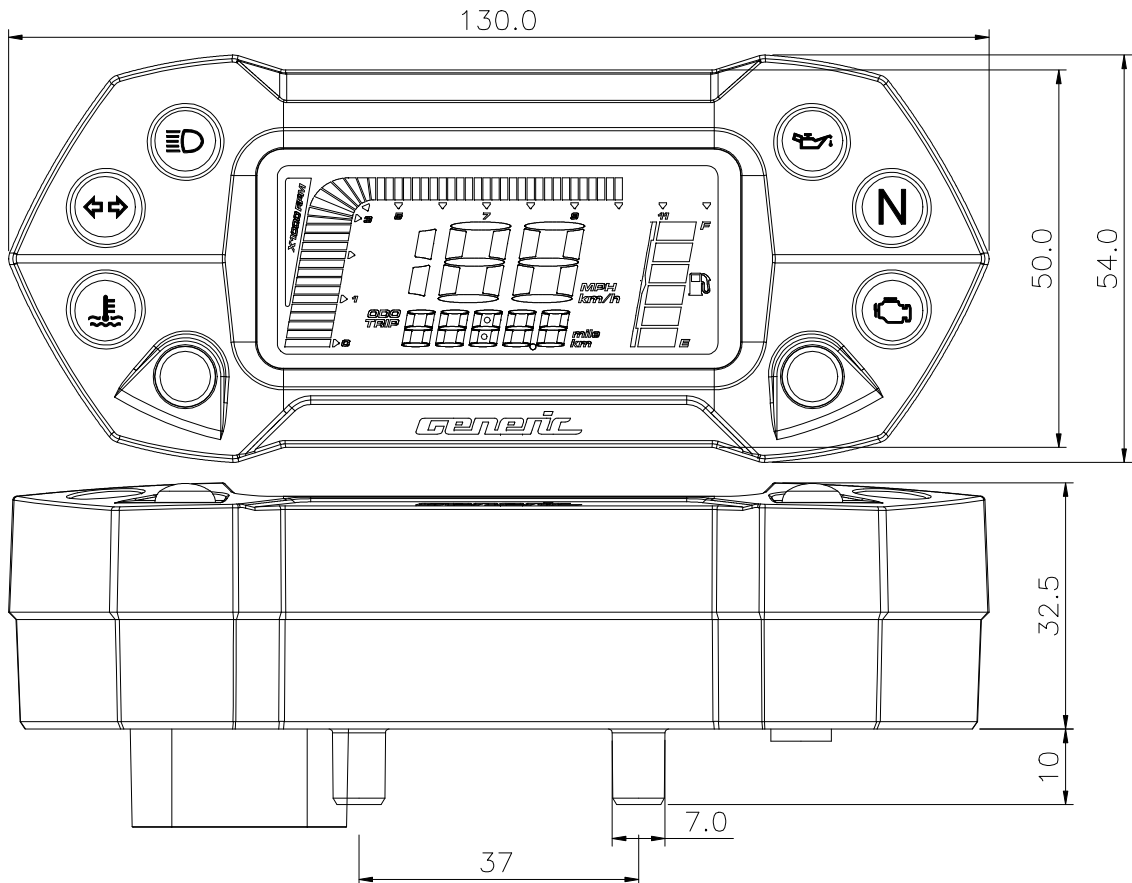


版次	項	變更內容	修訂者	日期



1. Speed

1.1 Display Range : 0~199 km/h (0~124 mph) ,  
If over display range the light flashing

1.2 Display Unit : 1 km/h (mph)

1.3 Accuracy : Actually +8%

1.4 Sensor type : Active sensor  
When tire circumference set 1859mm/3P ,  
26.9Hz = 60 km/h

1.5 Unit display : KM and Mile switchable

The tolerance	Display	20	40	60	80	100
km/h	tolerance	+1~+3	+2~+4	+4~+6	+5~+8	+7~+9
Input frequency (Hz)		9. 0	17. 9	26. 9	35. 8	44. 8

The tolerance	Display	120	140	160	180
km/h	tolerance	+8~+11	+9~+13	+11~+15	+12~+17
Input frequency (Hz)		53. 8	62. 8	71. 7	80. 7

2. ODO

2.1 Display Range : 00000 ~ 99999 km (mile)

2.2 Display Unit : 1 km (mile)

2.3 ODO will return to display by 0 after over display rang( 99999.9 km)

2.4 ODO record can be clear by button

2.5 ODO record cannot be erase  
if battery run out power

3. Trip

3.1 Display Range : 000.0 ~ 999.9 km (mile)

3.2 Display Unit : 0.1 km (mile)

3.3 Trip will return to display by 0 after over display rang( 99999.9 km)

3.4 Trip record could be clear by button

3.5 Trip record cannot be erase  
if battery run out power

4. Diagnose standard

4.1 Communication agreement : KWP2000

4.2 Details : ISO-14230-1~3

4.3 Rate : K-LINE , 10.4 Kbps

5. Clock

5.1 Display range : 0:00~23:59 (24-hour)

5.2 Accuracy : ±4 s/day

5.3 Should re-set the time as battery failure

6. Fuel stocks

6.1 Display range: 6 level display

6.2 Warning range: Warning light will flash if fuel level below 1 level

6.3 No connect to oil stocks sensor, no display

6.4 The data as following, tolerances acceptable:± 2.5 Ω

Meter display(%)	Fuel barrel resistance(Ω)	Meter display(%)	Fuel barrel resistance(Ω)
6 (F)	< 9.9	2	50.0 ~ 62.9
5	9.9 ~ 23.6	1 (E)	63.0 ~ 74.1
4	23.7 ~ 37.2	0 (No level)	> 74.1
3	37.3 ~ 49.9		

7. RPM (RPM/Level)

7.1 Level display (LCD)

7.1.1 Display Range : 0~12000 rpm

7.1.2 Display Unit : 1000 rpm  
(1000 RPM in 1 level, 200RPM in 0.1 level)

7.1.3 Minimum display unit: 200RPM/0.1 level

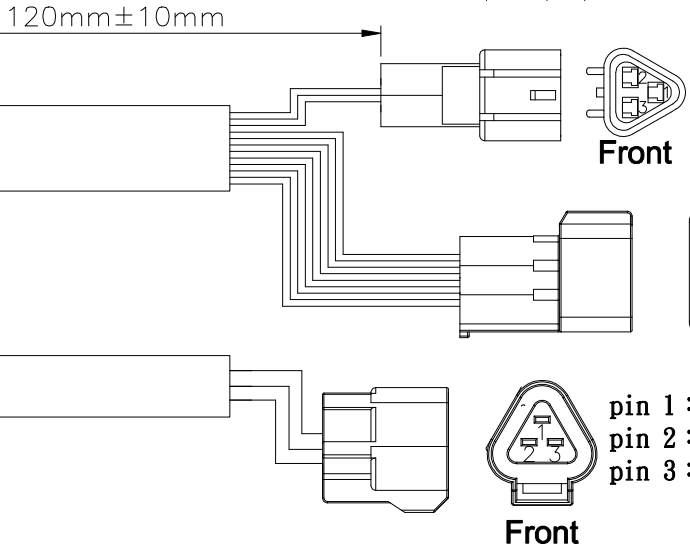
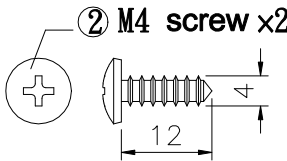
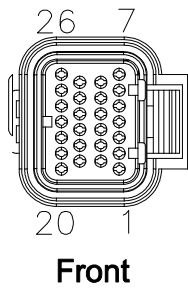
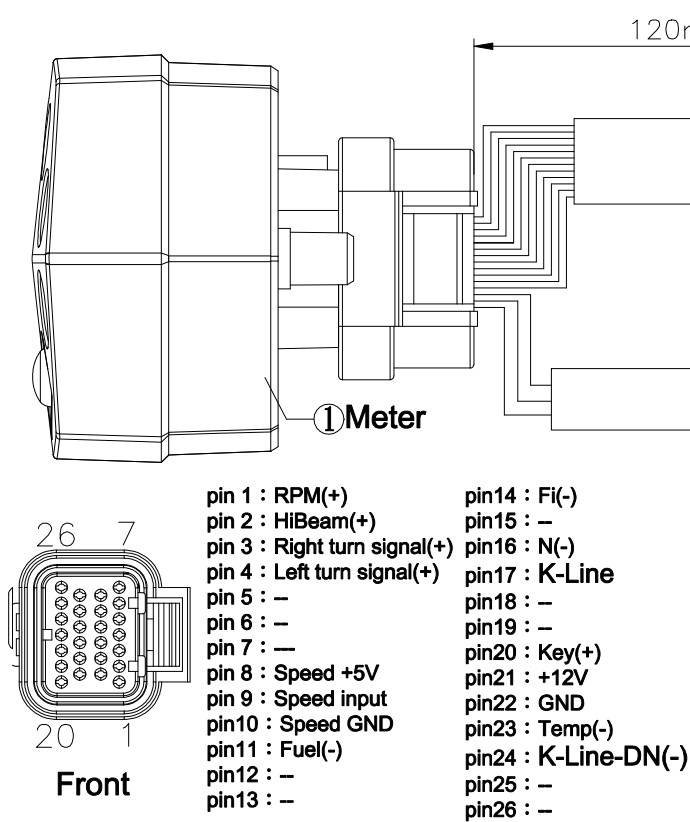
Display (x1000r/min)	2±0.1	4±0.1	6±0.1	8±0.1	10±0.1
Input frequency (Hz)	33. 3	66. 7	100. 0	133. 3	166. 7

8. Error Code (DTC)

8.1 Checking method : Default(Refer to the key function list)

8.1.1 View order : the number of Error code N →  
The error code meaning(1) → The error code meaning(2)...  
→ The error code meaning(N) → the number of Error codeN

8.2 Data source : SERVICE\_ID : 0x18



15. Switch button function list

Items	Function	Power	Switch button function list	left button	right button	Action
***	Function Switch	KEY-ON	ODO	<3 second		Switch to TRIP
		KEY-ON	TRIP	<3 second		Switch to TIME
		KEY-ON	TIME	<3 second		When error code appear, screen display will switch to DTC. If not, the screen will be switch to ODO
		KEY-ON	DTC	<3 second		Switch to ODO
3.4	Trip clear	KEY-ON	TRIP	>3 second		Trip reset
10.6.1	Oil light ODO record clea	KEY-ON	ODO (Oil light light up)		>3 second	Oil maintenance reset ( Oil light shut down)
8.1	DTC checking	KEY-ON	DTC	<3 second		Switch to error code
1.5	unit Switch	KEY-ON	km/h (ODO/TRIP/TIME)	>3 second		Switch to mph
		KEY-ON	Mph (ODO/TRIP/TIME)	>3 second		Switch to km/h
9.3	Back light color switch	KEY-ON	Blue (ODO/TRIP/TIME)	<3 second		Switch to Yellow
		KEY-ON	Yellow (ODO/TRIP/TIME)	<3 second		Switch to Blue
13.1.1	Enter setting	KEY-ON	Main screen	>3 second	>3 second	Enter Hour setting, Hour digital flashing
		KEY-ON	Hour digital flashing		<3 second	Adjust clock, digital from 0~23
		KEY-ON	Hour digital flashing	<3 second		Enter minutes setting, minutes digital flashing
		KEY-ON	minutes digital flashing		<3 second	Adjust minutes, digital from 0~59
		KEY-ON	minutes digital flashing	<3 second		Enter Tire setting, thousands digital flashing
		KEY-ON	4th digital flashing		<3 second	Adjust thousands separator from 0~2
		KEY-ON	4th digital flashing	<3 second		Enter Tire setting, hundreds' digital flashing
		KEY-ON	3rd digital flashing		<3 second	Adjust hundreds' digital from 0~9
		KEY-ON	3rd digital flashing	<3 second		Enter Tire setting, tens' digital flashing
		KEY-ON	2nd digital flashing		<3 second	Adjust tens' digital from 0~9
		KEY-ON	2nd digital flashing	<3 second		Enter Tire setting, first digital flashing
		KEY-ON	1st digital flashing		<3 second	Adjust first digital from 0~9
		KEY-ON	1st digital flashing	<3 second		Entering sensor position setting , Default flashing
		KEY-ON	Default flashing		<3 second	Adjust Default , digital from 0~9
		KEY-ON	Default flashing	<3 second		Enter cycle and piston setting, The function can be set will flashing
		KEY-ON	Default flashing		<3 second	Adjust cycle and piston setting, digital from : P-0.5,1,2,3,4,5,6
		KEY-ON	Default flashing	<3 second		Quite setting screen back to main screen

P.S. KEY-ON : KEY-ON→DC12V KEY-OFF : KEY-ON→CONNECTION

2	meter screw		2	
1	Meter		1	
NO.	名 稱	件 號	數量	備 註
Proofread 校對		Approved 核准		<b>KOSO</b> 統亞電子科技股份有限公司

Customer Name 客戶名稱		Products Name 產品品名	Trigger 125 speedometer	Drawing Name 圖 名	Speedometer kit drawing	Unit 單位	mm	Edition 版次	A	Paper Size	A3	Checked 審核			
Customer Number 客戶料號		Products Number 產品料號	BA027000	Drawn 繪圖	許淑惠 2012.02.15	Scale 比例	1:1	page 件數	1	Projection 角法					