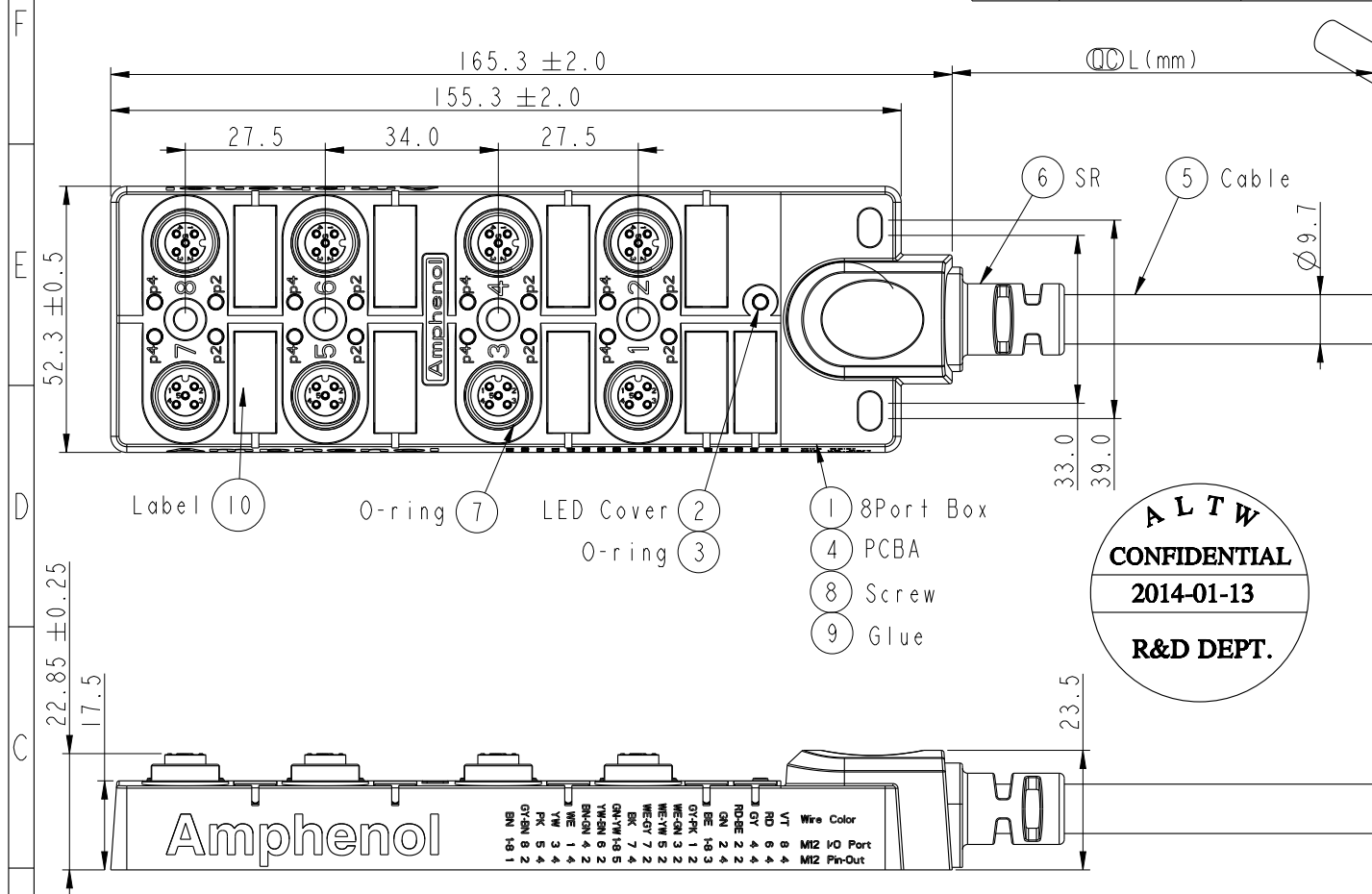


REV.	ECN NO.	DATE	SIGN	DESCRIPTION



Note:

- Electrical:
- * Voltage: 10~30V DCMax.
 - * Current per Port: 4A
 - * Current Sum Max.: 12A
 - * Power indicator: 1*LED, Green
 - * Function Indicator: 16 * LED Yellow
 - * Sensor Connections: M12*1, 5-pole Female
 - * Switching Output: PNP
- Mechanical:
- * Connector Housing Material: PA66, Nylon+GF
 - * Box Material: PBT+PC
 - * Contact Material: Copper Alloy
 - * Contact Finish: Gold plated
 - * No. of Ports: 8
 - * Style: M12*1
 - * Mounting type: 4 * M4
 - * Cable: UL20549, 16C*0.34mm²+3C*1.0mm², PUR Jacket, OD=9.7, Black.
 - * Cable Length Tolerance: 01M: ±40mm
02~05M: ±60mm
06~10M: ±100mm
11~30M: ±200mm
31~99M: ±500mm

- Environmental:
- * Operating Temperature : -20°C~+80°C
 - * Waterproof Rate: IP67 (Unmated)
 - * Oil Resistant

Amphenol

DB12-5A8CAB-DPS7BXX

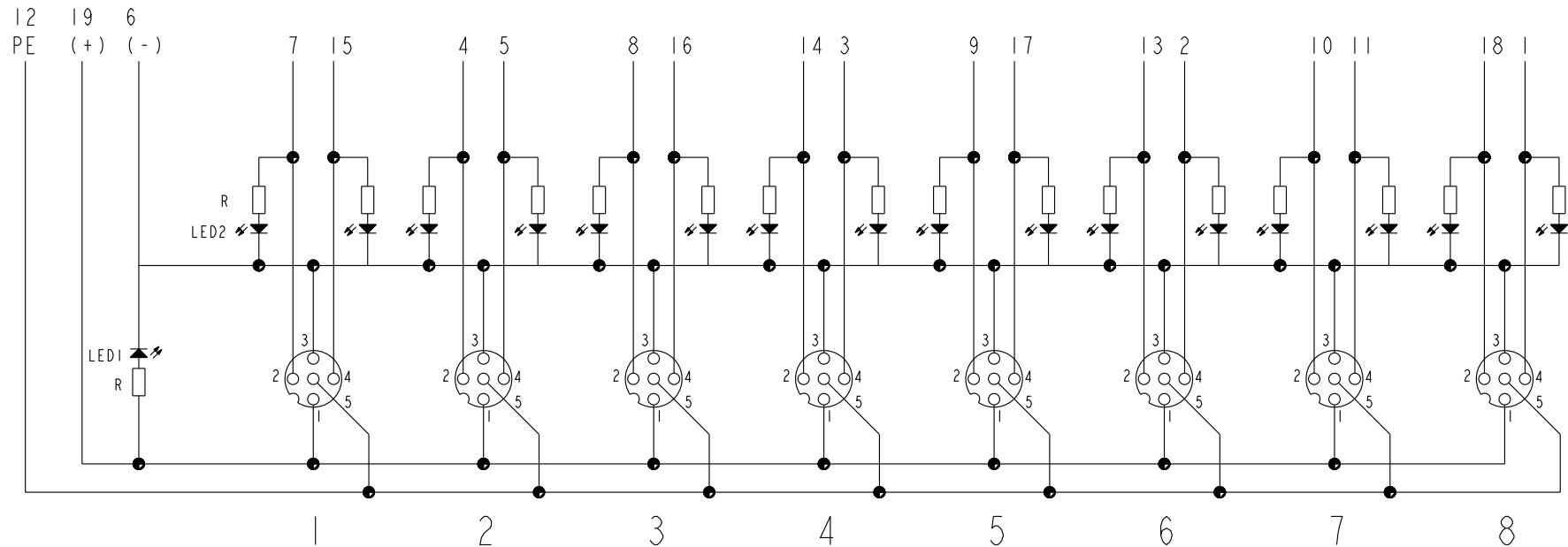
XX: 01~99Meters
01: 01Meter
05: 05Meter
10: 10Meter
15: 15Meter
20: 20Meter
30: 30Meter
Cable Length(L): 01~99Meters

ALTW
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2014.02.25
ISSUED

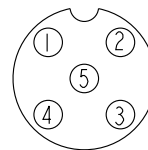
UNIT: mm		TITLE M12 Distribution Box 8Port, Cable		Amphenol LTW 安費諾亮泰企業股份有限公司		ITEM NO	DRAWN BY Tony-leng	DATE 2014/01/13
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 7:10	SIZE A4	SHEET 1 OF 2	DWG NO DB12-5A8CAB-DPS7BXX	CHECKED BY Jimmy	DATE 2014/01/13	
REV. A		WC-REV. A.3	QC: Inspection item		CUSTOMER ALTW	APPROVED BY Jerry	DATE 2014/01/13	

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Schematic Diagram



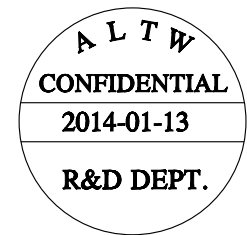
M12 I/O Ports



M12

I/O Ports
Pin1: +V
Pin2: NC
Pin3: -V
Pin4: NO
Pin5: PE

Parts
LED1: Green
LED2: Yellow
R: Resistor



18	8	2	Gray/Brown
17	5	4	Pink
16	3	4	Yellow
15	1	4	White
14	4	2	Brown/Green
13	6	2	Yellow/Brown
11	7	4	Black
10	7	2	White/Gray
9	5	2	White/Yellow
8	3	2	White/Green
7	1	2	Gray/Pink
5	2	4	Green
4	2	2	Red/Blue
3	4	4	Gray
2	6	4	Red
1	8	4	Violet
19(+V)	1-8	1	Brown
6(-V)	1-8	3	Blue
12(PE)	1-8	5	Green/yellow
Wire	Port	M12 Pin	Wire Color

UNIT:mm		TITLE	
TOLERANCE		M12 Distribution Box	
.X ±0.25		8Port, Cable	
.XX ±0.1		SCALE	1:1
.XXX ±0.05		SIZE	A4
ANGLES ±1°		SHEET	2 OF 2
		REV.	A
		WC-REV.	A.3
		QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
DWG NO	Tony_leng	2014/01/13
CUSTOMER	CHECKED BY	DATE
ALTW	Jimmy	2014/01/13
	APPROVED BY	DATE
	Jerry	2014/01/13