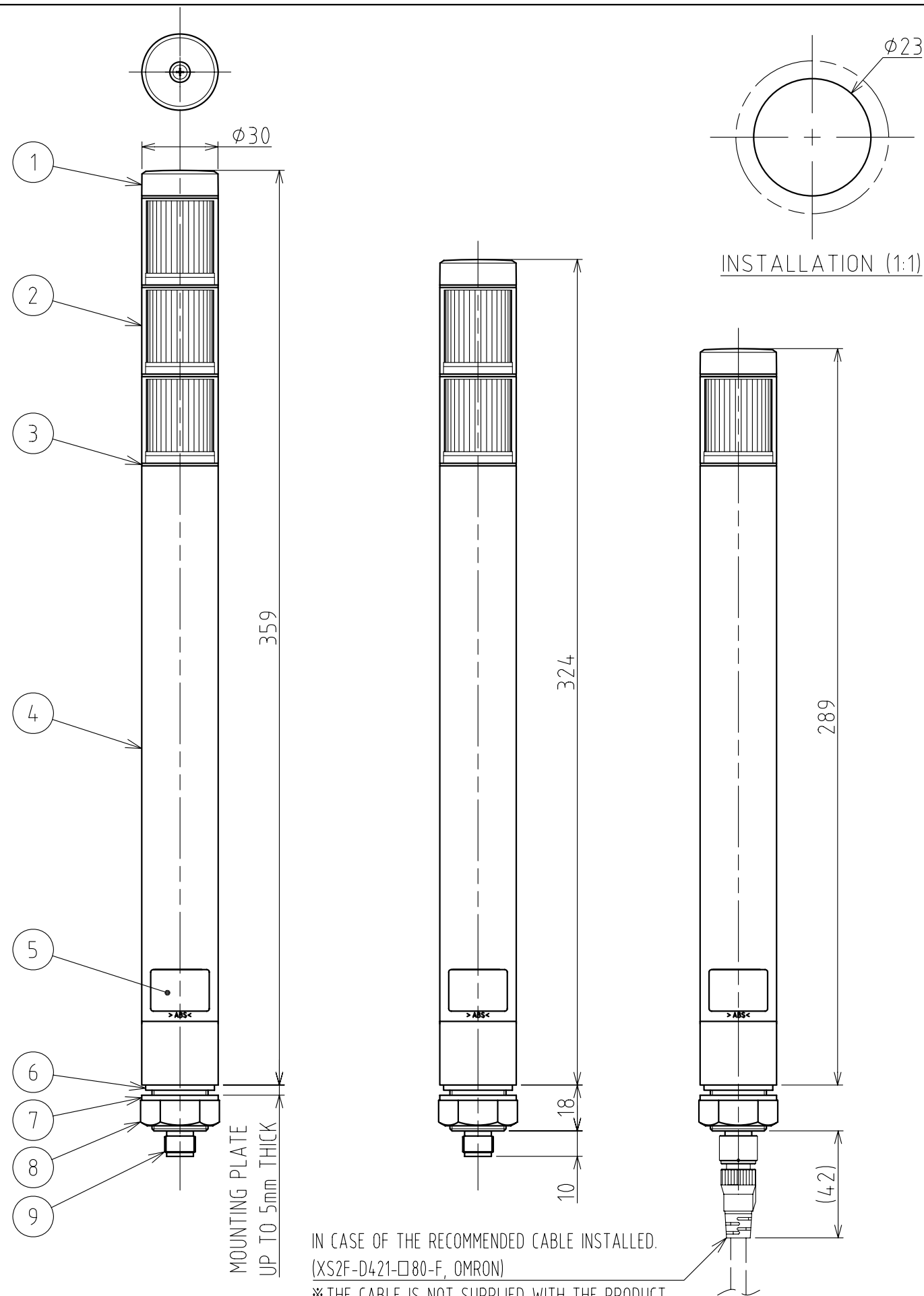


SPECIFICATIONS

[General Specifications]

Model	3 tiers	MP-302C
	2 tiers	MP-202C
	1 tier	MP-102C
UL registration model		MP-_02C
Rated Voltage		24V DC (Non-polar)
Operating Voltage		Rated Voltage ±10%
Signal Wire Current	Typ.	Per Unit
		Red: 28.6mA Amber: 28.6mA Green: 17.1mA
	Max.	Per Unit
		Red: 32.2mA Amber: 32.2mA Green: 21.4mA
Operating Temperature Range		-20°C to +60°C
Relative Humidity		Less than 90% (No condensation)
Mounting Location		Indoors
Mounting Direction		Upright
Protection Rating		IP65 (Self-Declaration based on IEC 60529)
Vibration Resistance		JIS C 60068-2-6 Total amplitude 0.3mm p-p (10 to 57.5Hz), Acceleration 19.6 m/s2 (57.5 to 150Hz)
Insulation Resistance		More than 1MΩ at 500VDC between current-carrying parts and non-current-carrying metal parts
Withstand Voltage		500VAC applied for 1min between current-carrying parts and non-current-carrying metal
Luminous Intensity		Red: 500mcd Amber: 650mcd Green: 1600mcd
Mass (Tolerance ±10%)		MP-102C: 0.24kg MP-202C: 0.26kg MP-302C: 0.28kg
Conformity Standards		RoHS Directive(DIRECTIVE 2002/95/EC) UL Recognized Component (File No.E215660) CE marking (EN61000-6-4 and EN61000-6-2)
Remarks		Conditions of UL acceptability: -For use on a flat surface of a Type 1 Enclosure -Use Class 2 power supply. Recommended cable: -XS2F-D421-□80-F (OMRON)
No. MP-.02C-PDFC--EN-1_2		

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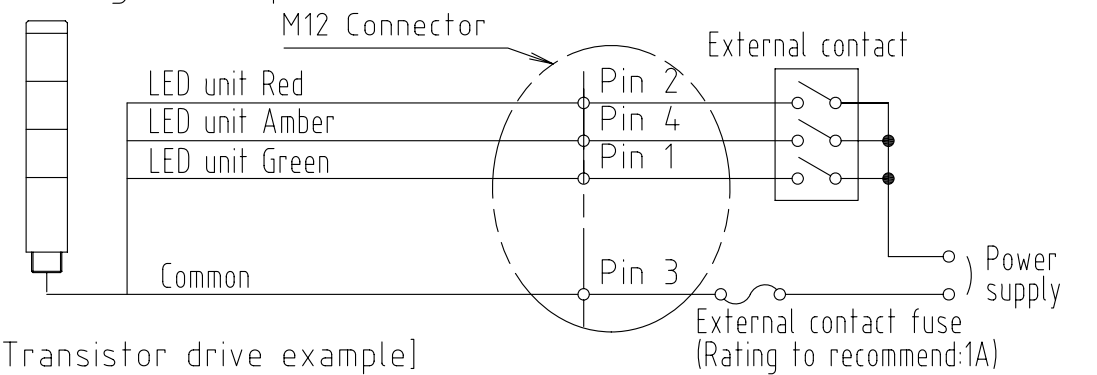


MP-302C

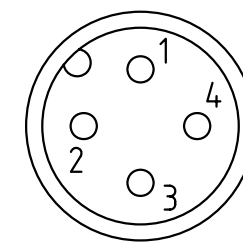
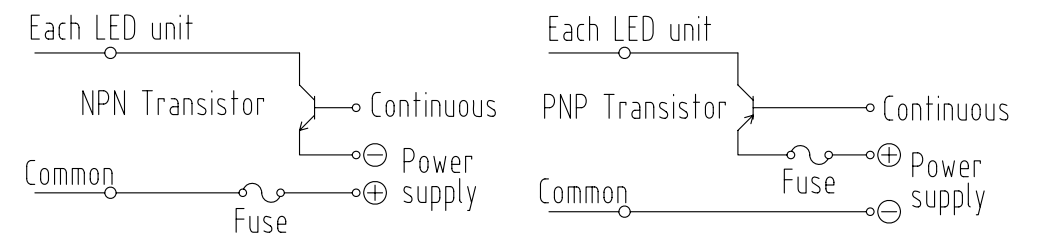
MP-202C

MP-102C

[Wiring example]



[Transistor drive example]



PIN NO.	COLOR OF LED UNIT
1	GREEN
2	RED
3	(COM)
4	AMBER

M12 CONNECTOR
PIN CONFIGURATION

9	M12 CONNECTOR	-	1	XS2M-D421	OMRON
8	HEXAGON NUT	-	1	SUM, M22 P1.5 MFZn(Trivalent chromate)	
7	FLAT WASHER	-	1	SPCC, 22 t=2 MFZn(Trivalent chromate)	
6	WATERPROOF SHEET	-	2	CR sponge	Black
5	NAMEPLATE		1	Polyester film	
4	MAIN BODY	-	1	ABS resin	Silver paint
3	O-RING	-	Stacks+1	Silicone rubber	Gray
2	LED UNIT	-	Stacks	Lens part: SAN resin	Red, Amber, Green
1	HEAD COVER	-	1	ABS resin	Silver paint
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks

MP-□02C Dimensions

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MP-.02C-PDFC-EN-2_2