OPTICAL DATA TRANSMISSION DEVICE

SPECIFICATIONS

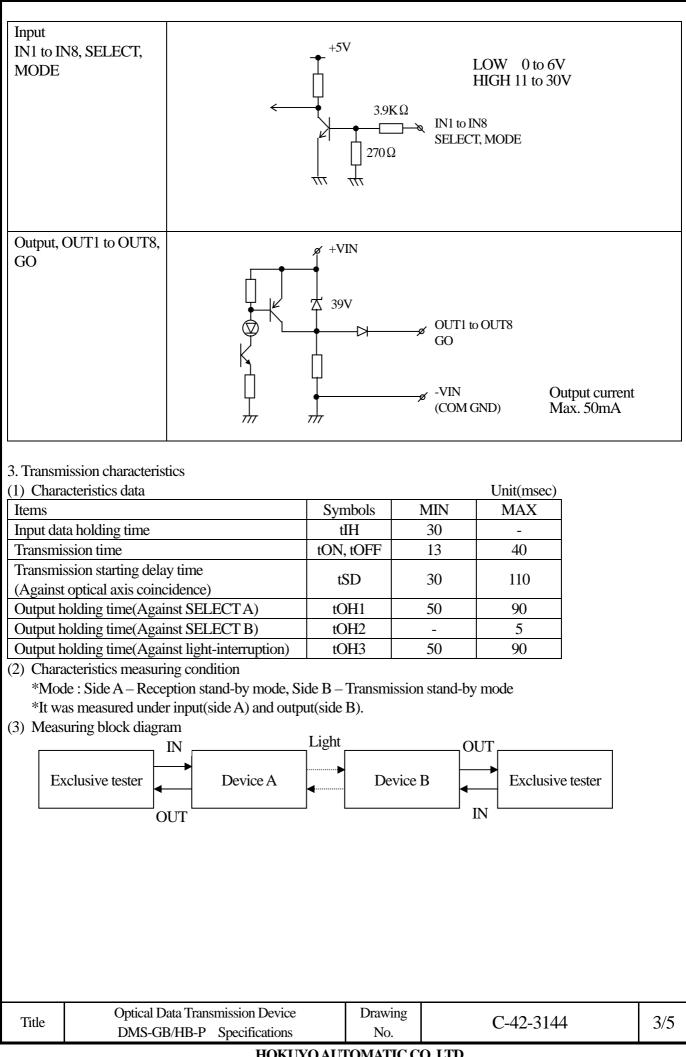
DMS-GB1-P(HEAD-ON, PNP OUTPUT) DMS-GB2-P(HEAD-ON, PNP OUTPUT) DMS-HB1-P(SIDE-ON, PNP OUTPUT) DMS-HB2-P(SIDE-ON, PNP OUTPUT)

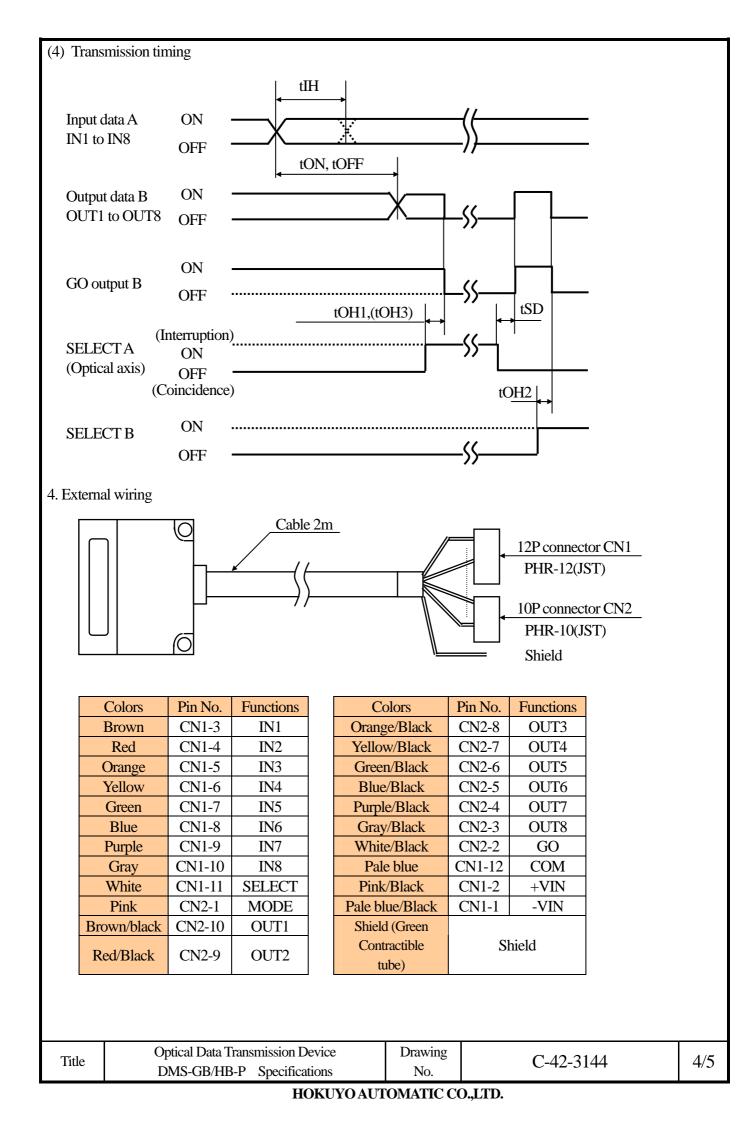
Symbol	Amended reason				Pages	Date	Corrector	Amended No.
Approved by	Checked by	Drawn by	Designed by	Title	Optical Data Transmission Device			n Device
				Title	DMS-GB/HB-P Specifications			
			IGUCHI	IGUCHI Drawing No.		C-42-3144		1/5

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1 Configuration						
1.Configuration						
	Transmitter/receive	r Transmitte	r/receiver			
Output data 8 bit GO \leftarrow Input data 8 bit SELECT MODE —		Communi- cation		put data t		
Power source 18 to 30VD			Power sou 18 to 30VI			
2. Specifications	-			-		
Model No.	DMS-GB1-P	DMS-HB1-P	DMS-GB2-P	DMS-HB2	2-P	
Transmission distance		Adjustable)	0 to 3.0m(Adjustable)			
Directive angle		degrees	+/- 5 d			
Transmission directions	HEAD-ON	SIDE-ON	HEAD-ON SIDE-ON			
Transmission capacity (Input/Output)		8 bi	t/8 bit			
Transmission method		Half-duplex two-way transmission				
Transmission time			msec			
Modulation method			odulation			
Verification method		Parity check				
Power source	24VDC(11 to 30V available) Ripple 5% or less					
Current consumption	100mA Max.					
Ambient illuminance	4,000lux or less					
Ambient temperature/ humidity	-10 to 50 degrees C \cdot 85% RH or less					
Vibration resistance	Double amplitude 1.5mm, 10 to 30Hz, Each 2 hour in X, Y and Z directions 500m/s^2 Each 10 times in X. Y and Z directions					
Impost register as	500m/s ² Each 10 times in X, Y and Z directions Cable type(0.2mm ² , 22-core shield cable)					
Impact resistance	50		22-core shield coble			
Connection	50	Cable type(0.2mm ² ,				
		Cable type(0.2mm ² ,	22-core shield cable) 964			
Connection Protective structure	Data Transmission Device	Cable type(0.2mm ² , If Drawing	264	44	2/5	
Connection Protective structure		Cable type(0.2mm ² , If Drawing		44	2/5	

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5. Function for each termina	ત્રી			
Terminals	Functions			
IN1 to IN8	Input data			
OUT1 to OUT8	Output data			
SELECT	It is shorted to +VIN : Transmission/reception is stopped			
SELEC I	It is opened : Transmission/reception is ope	rated		
MODE	It is opened : Transmission standby mode			
WIODL	It is shorted to +VIN : Reception standby n	node		
GO	It is ON when normal data was received and OFF when light was interrupted			
COM	Common for input/output			
+VIN	+24V(18 to 30V)	Device course		
-VIN	0V	Power source		
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Note) Make sure to set other one to reception standby mode.

Title	Optical Data Transmission Device	Drawing	C 42 3144	5/5
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