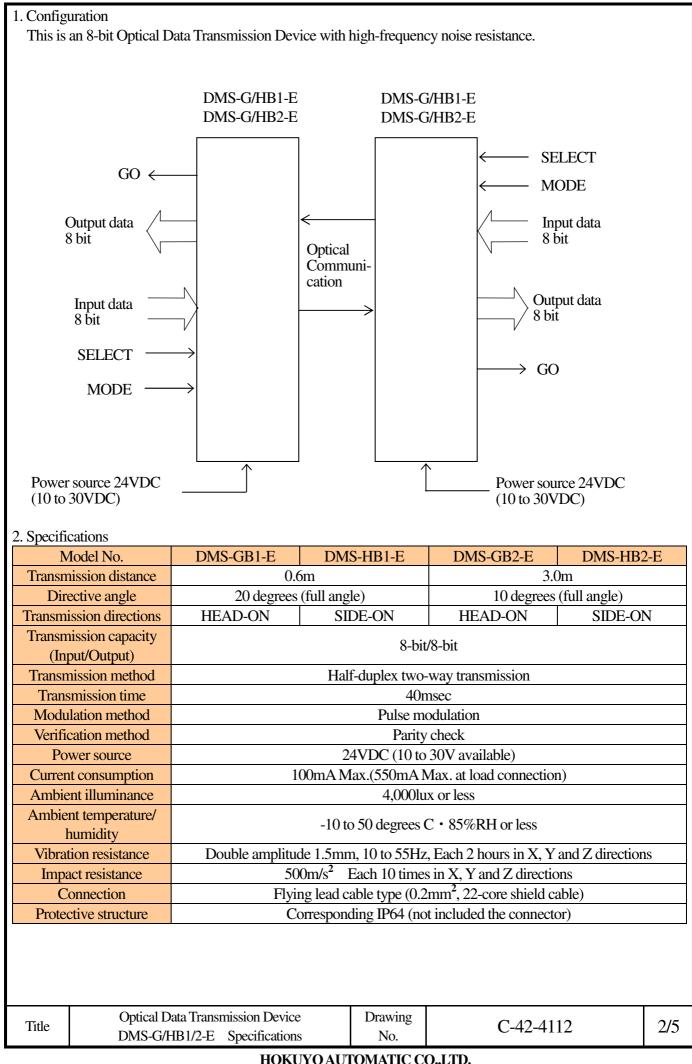
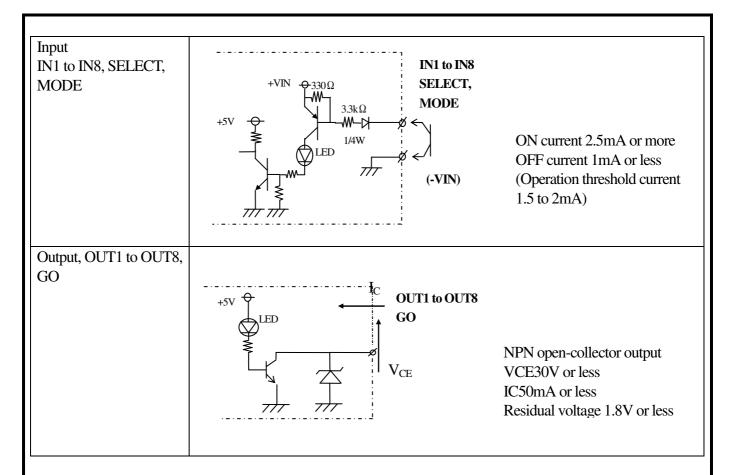
OPTICAL DATA TRANSMISSION DEVICE SPECIFICATIONS

<u>TRANSMISSION DISTANCE 0.6m</u> DMS-GB1-E (HEAD-ON, NPN OUTPUT) DMS-HB1-E (SIDE-ON, NPN OUTPUT)

<u>TRANSMISSION DISTANCE 3.0m</u> DMS-GB2-E (HEAD-ON, NPN OUTPUT) DMS-HB2-E(SIDE-ON, NPN OUTPUT)

Symbol	Amended reason				Pages	Date	Corrector	Amended No.
Approved by	Checked by	Drawn by	Designed by	Title	Optical Data Transmission Device			n Device
M.Hino	M.Hino	HAYASHIYA	HAYASHIYA	The	DMS-G/HB1/2-E Specifications			
				Drawing No.		C-42-4112		1/5





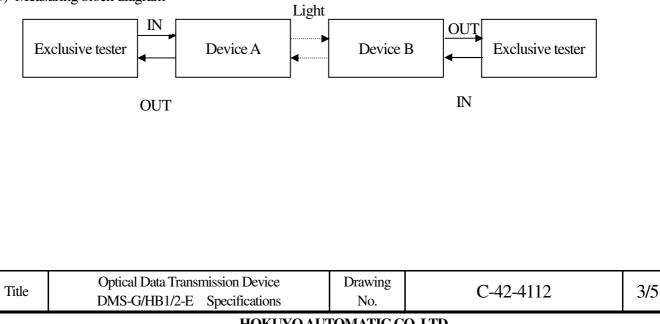
3. Transmission characteristics

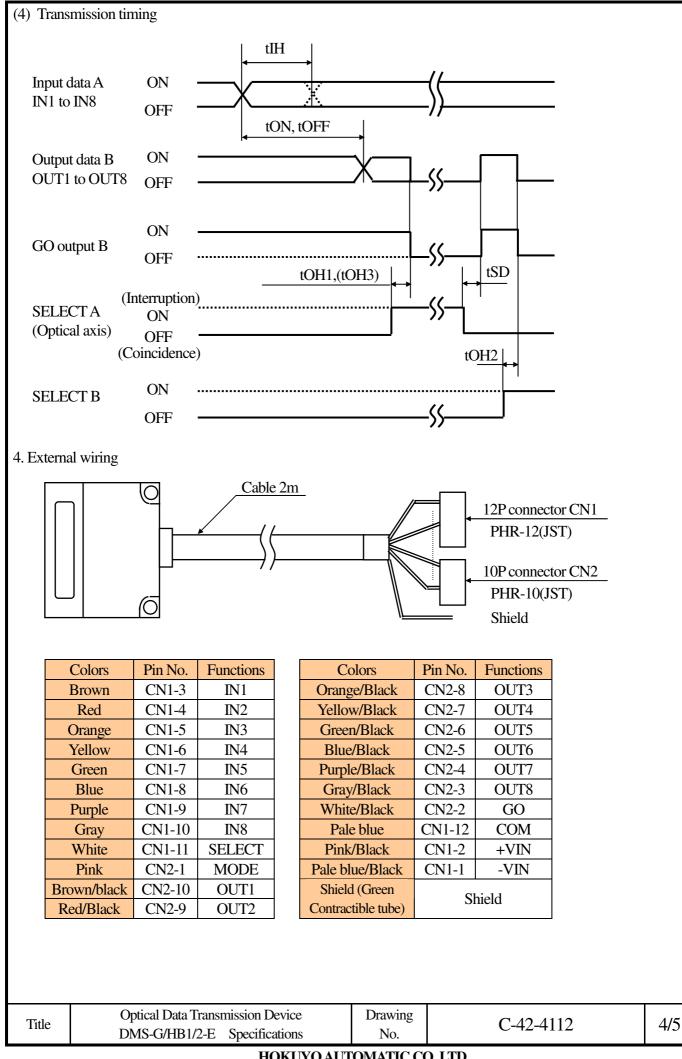
(1) Characteristics data	Unit (msec)		
Items	Symbols	MIN	MAX
Input data holding time	tIH	30	-
Transmission time	tON, tOFF	13	40
Transmission starting delay time (Against optical axis coincidence)	tSD	30	110
Output holding time(Against SELECTA)	tOH1	50	90
Output holding time(Against SELECT B)	tOH2	-	5
Output holding time(Against light-interruption)	tOH3	50	90

(2) Characteristics measuring condition

*Mode : Side A – Reception stand-by mode, Side B – Transmission stand-by mode *It was measured under input (side A) and output (side B).

(3) Measuring block diagram





5.Function for each termina	ચ		
Terminals	Functions		
IN1 to IN 8	Input data		
OUT1 to OUT8	Output data		
SELECT	It is shorted to +VIN : Transmission/reception is stopped		
	It is opened : Transmission/reception is operated		
MODE	It is opened : Transmission standby mode		
	It is shorted to +VIN : Reception standby mode		
GO	It is ON when normal data was received and OFF when light was interrupted		
+VIN	+24V(18 to 30V)	Power source	
-VIN	0V	Fower source	
·			

Note) Make sure to set other one to reception standby mode.

Title	Optical Data Transmission Device	Drawing	C 42 4112	5/5
	DMS-G/HB1/2-E Specifications	No.	C-42-4112	