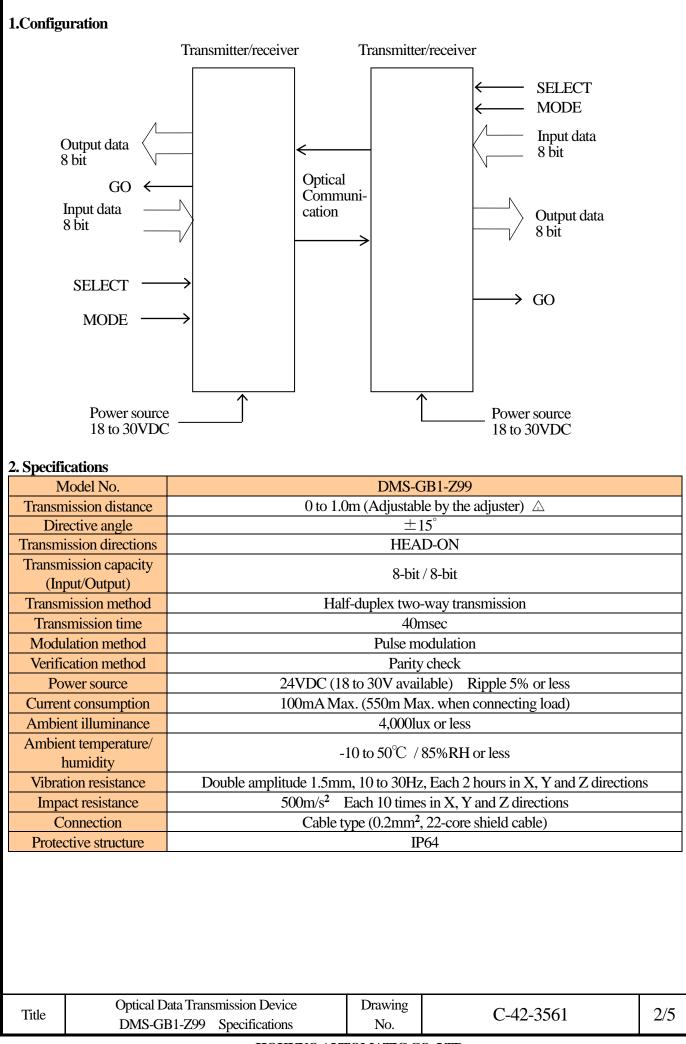
Jul.3rd'07

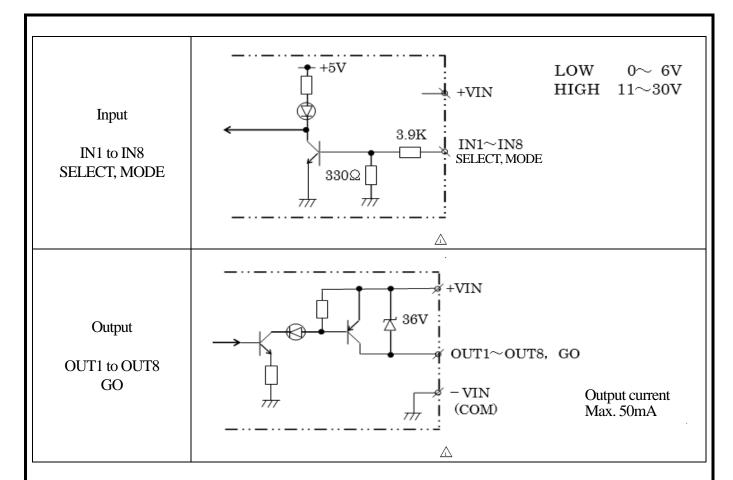
OPTICAL DATA TRANSMISSION DEVICE

SPECIFICATIONS

DMS-GB1-Z99 (HEAD-ON, PNP OUTPUT)

$\triangle \times 3$	Correction of Transmission Distance, Input/Output circuit diagram			2,3	Feb. 2'22	Tabata	FA-8630	
Symbol	Amended reason			Pages	Date	Corrector	Amended No.	
Approved by	Checked by	Drawn by	Designed by	T'd.	Optical Data Transmission Device			n Device
	IGUCHI	TABATA	HAYASHIYA	Title	DMS-GB1-Z99 Specifications			
KAMITANI				Drawing No.	C-42-3561		1/5	





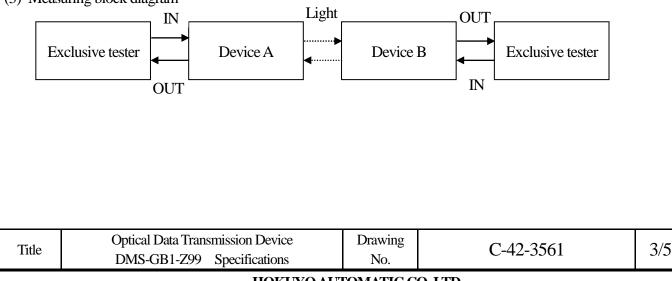
3. Transmission characteristics

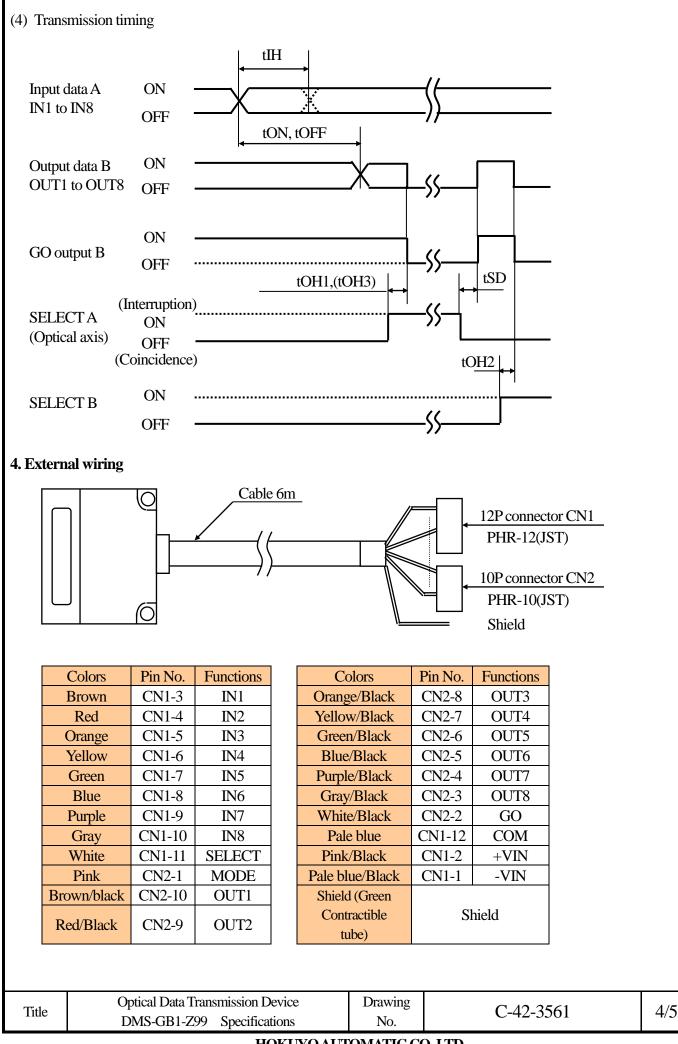
(1) Characteristics data		Unit(msec)		
Items	Symbols	MIN	MAX	
Input data holding time	tIH	30	-	
Transmission time	tON, tOFF	13	40	
Transmission starting delay time	4SD	30	110	
(Against optical axis coincidence)	tSD	30	110	
Output holding time(Against SELECTA)	tOH1	50	90	
Output holding time(Against SELECT 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 term	inal		
Terminals	Functions		
IN1 to IN 8	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 operated		
MODE	It is opened : Transmission standby mode		
WIODE	It is shorted to +VIN : Reception standby mode		
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)	Dower course	
-VIN	0V	Power source	

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

Title	Optical Data Transmission Device	Drawing	C 42 3561	5/5
	DMS-GB1-Z99 Specifications	No.	C-42-3301	