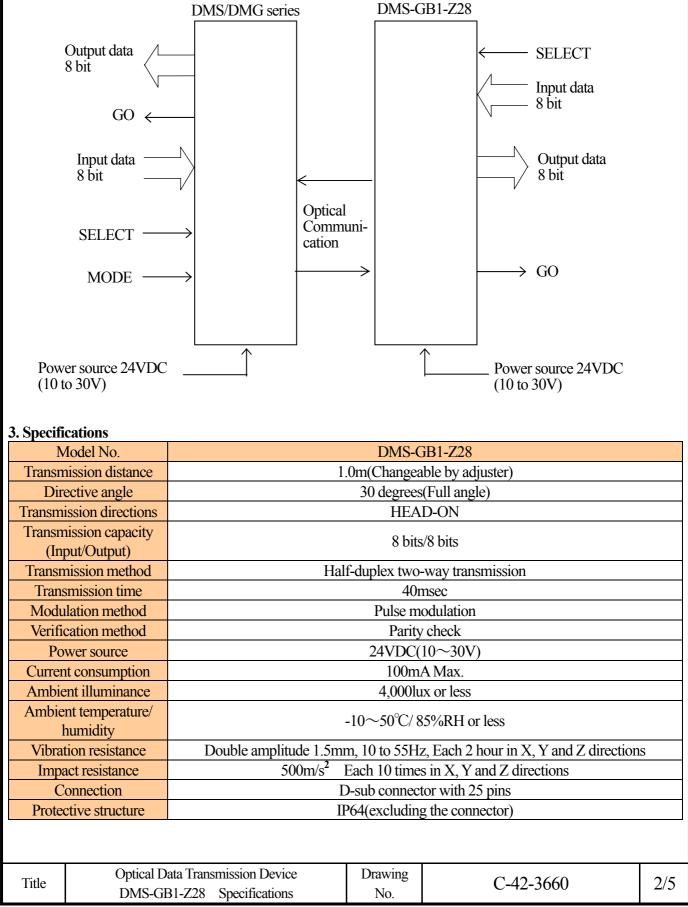
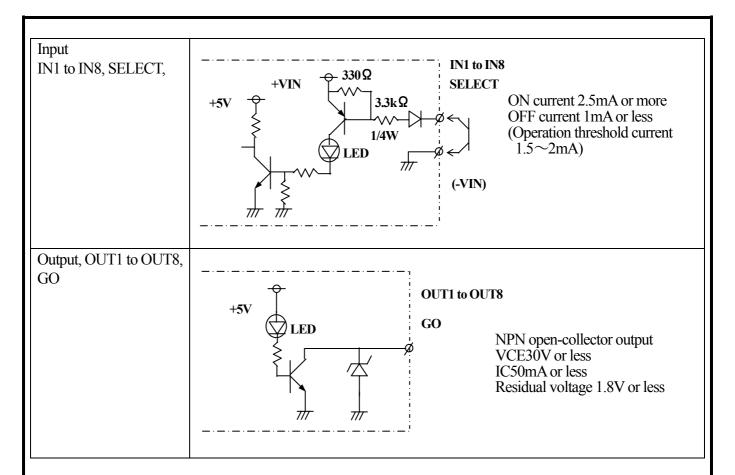
SPECIFICATIONS								
DMS-GB1-Z28 (with IR filter)								
OPTICAL DATA TRANSMISSION DEVICE (WITH PROJECTING AMOUNT ADJUSTER,								
	D-SUB CONNECTOR & CABLE 5M)							
	(RECEPTION STANDBY MODE)							
	[							
					Pages			
Symbol	<u> (1 1 1)</u>	Amended reason				Date	Corrector	Amended No.
Approved by	Checked by	Drawn by	Designed by	Title	Optical Data Transmission Device DMS-GB1-Z28 Specifications			
			HINO	Drawing No.		C-42-366	50	1/5

## 1. General

This is a 8-bit type data transmission device with countermeasures against disturbance light. Characteristics against disturbance light is improved because optical filer(IR-82) is attached to inner optical cover and light with 820nm or less of wavelength is shut out.

# 2. Configuration





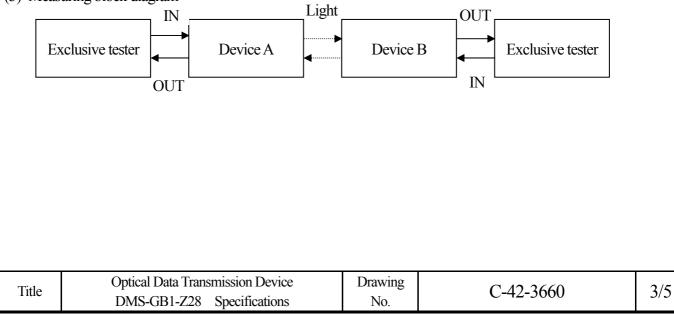
#### 4. Transmission characteristics

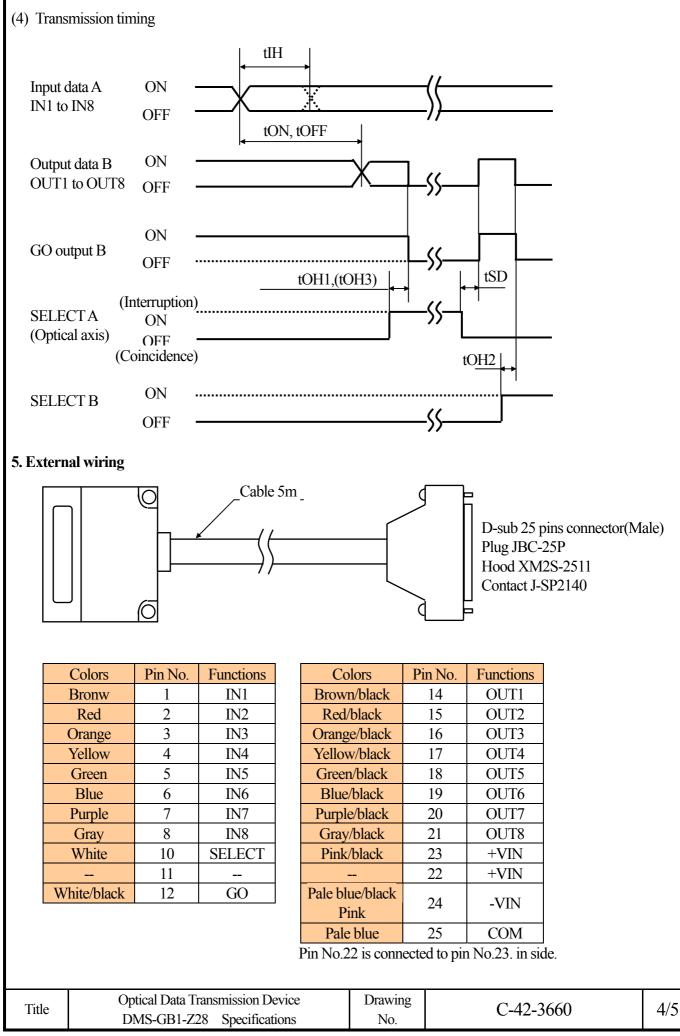
Unit(msec			
Symbols	MIN	MAX	
tIH	30	-	
tON, tOFF	13	40	
tSD	20	110	
lSD	30	110	
tOH1	50	90	
tOH2	-	5	
tOH3	50	90	
	tIH tON, tOFF tSD tOH1 tOH2	tIH 30   tON, tOFF 13   tSD 30   tOH1 50   tOH2 -	

(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 termi	nal			
Terminals	Functions			
IN1 to IN 8	Input data			
OUT1 to OUT8	Output data			
OFI FOT	It is shorted to COM : Transmission/reception is stopped			
SELECT	It is opened : Transmission/reception is operated			
MODE	It is fixed to 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(10 to 30V)	Dower course		
-VIN	0V	Power source		

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

Title	Optical Data Transmission Device	Drawing No.	C-42-3660	5/5
	DMS-GB1-Z28 Specifications			