

NEW PRODUCTS

HOKUYO

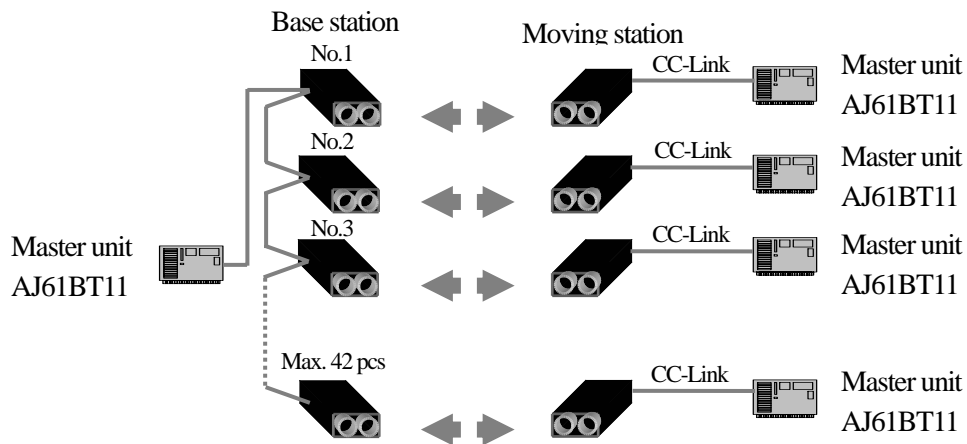
OPTICAL DATA TRANSMISSION DEVICE FOR CC-LINK

BWF-17/27

MAX. 42 PCS CAN BE CONNECTED TO ONE MASTER UNIT
LARGE INFORMATION(MAX. 112 POINTS, 16 WORDS) CAN BE TRANSMITTED
SMALL AND LIGHT-WEIGHT DESIGN

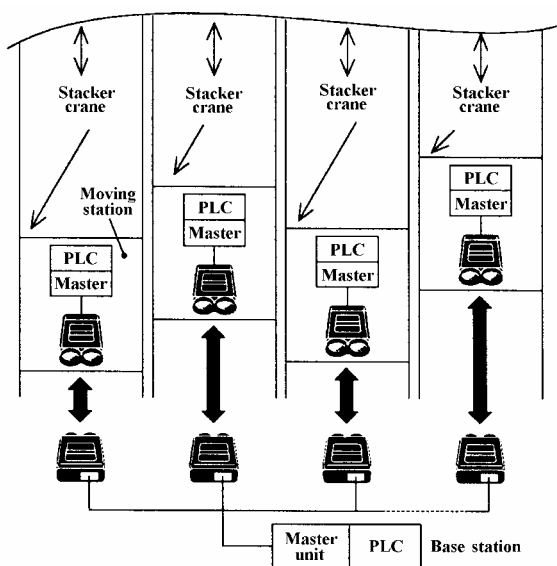


System structure

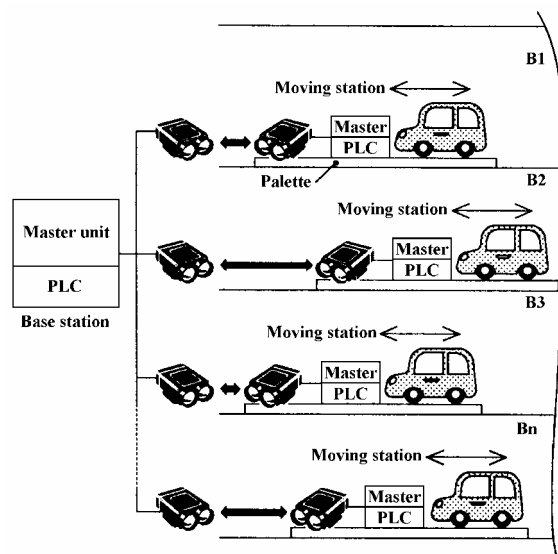


Application

*Stacker crane



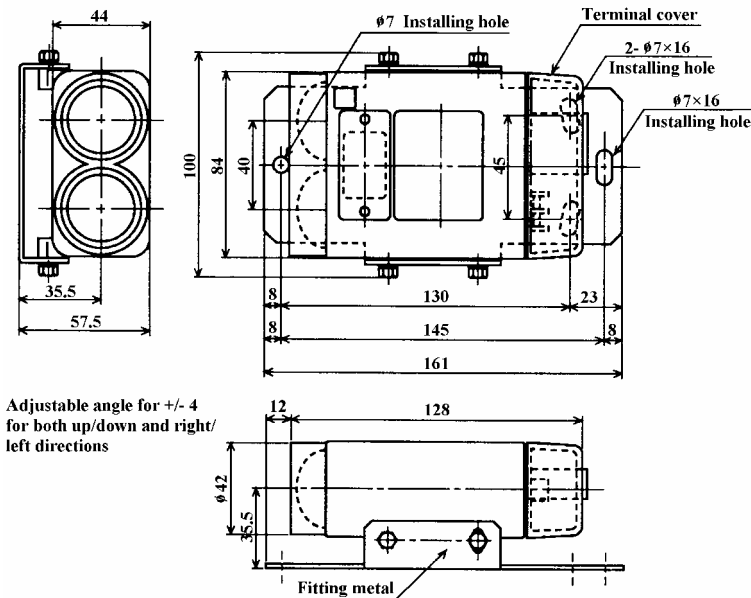
Underground parking lot



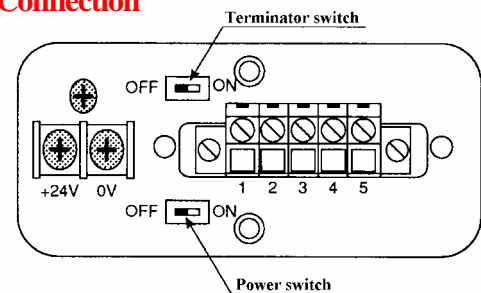
Specifications

Kinds		Serial type					
Model No.		BWF-17A/17B			BWF-27A/27B		
Power source		24VDC(18V to 30VDC)					
Current consumption		100mA or less(Input voltage 24VDC)					
BWF	Transmission distance	100m			200m		
	Directional angle	+/- 2 degrees			+/- 1 degree		
	Transmission system	Full duplex two-way transmission					
	Transmission speed	DC to 19.2Kbps					
	Modulation system	FSK modulation					
	Modulated frequency	A type(Transmission 5.5MHz, reception 6.0MHz) B type(Transmission 6.0MHz, reception 5.5MHz)					
CC-Link	Transmission speed	10Mbps/5Mbps/2.5Mbps/625Kbps/156Kbps(Changeover by switch)					
	Communication system	Polling method					
	Synchronous system	Frame synchronous system					
	Encode system	NRZI					
	Transmission path	RS-485 bus					
	Transmission format	HDLC conformity					
	Remote station No.	1 to 64					
	Error control system	CRC($X^{16}+X^{12}+X^5+1$)					
	RAS functions	Error communication detection(CRC error, abort error)					
	Connecting cable	CC-Link exclusive cable					
	Total extending distance	Communication speed(bps)	10M	5M	2.5M	625K	156K
		Extending distance(m)	100	150	200	600	1,200
	Terminator	110ohm(Connected between DA and DB of both ends unit)					
Changeover by switch							
Connecting system	Connector type(Terminal for DC power and FG)						
Ambient illuminance		20,000lux or less					
Case material/weight		ABS resin/approx. 500g					

External dimension



Connection



CC-Link unit connector	
1	FG
2	SLG
3	DG
4	DB
5	DA

PHOTO SENSOR, LASER SENSOR, MICROWAVE SENSOR, COUNTER, AUTOMATIC DOOR



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