



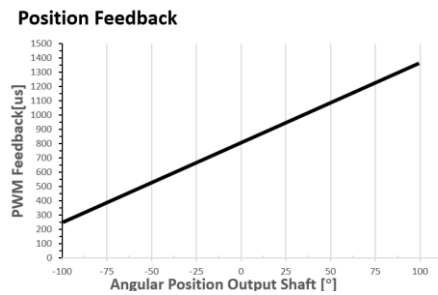
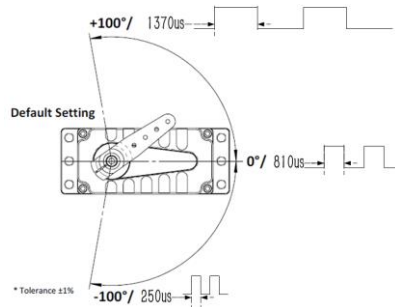
### 3.3 CAN Bus Command Interface

Baud-Rate	500Kbps	Communication	3.1: CAN Open standard frame 3.2: CAN Extended frame
Node number	0 x25 (range 1 ~ 127, 0 is radio)		

### 3.4. Feedback Signal

#### 3.4.1 Position Feedback Signal (PWM Versions)

The Position Feedback signal is an output signal with a square wave which is directly related to the output shaft's angular position. Reference is Supply Ground.

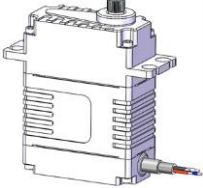


#### 3.4.2 Feedback Value (Bus Version)

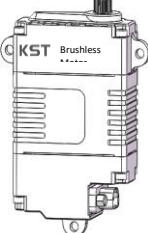
Integrated in the Bus protocol a Feedback Value, including the Angle position, Temperature, current value. Value read by sending request command. Provide the details of the bus in the document.

## 4. Electrical Connection Options

### 4.1 Shielded Cable, Open leads (Version B) (KFVP 2\*0.14+2\*0.30 AFR250, Cable diameter ≤ ϕ 4.3mm)

	Pin Assignment(PWM)			Pin Assignment (RS485)			Pin Assignment (CAN_BUS)		
	1	Red	DC+	1	Red	DC+	1	Red	DC+
	2	Black	DC-	2	Black	DC-	2	Black	DC-
	3	White	SIG	3	White	RS 485 B	3	White	CAN_L
	4	Blue	NC	4	Blue	RS 485 A	4	Blue	CAN_H

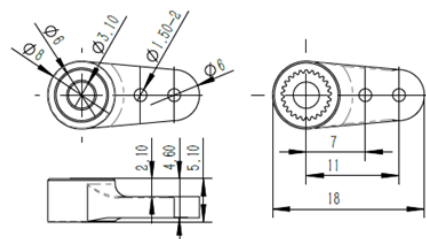
### 4.2 Industrial Standard J30J-9ZKP electrical Connector (Version A)

	Assignment PWM		Assignment RS485		Assignment CAN		Assignment RS422	
	1	DC +	1	DC +	1	DC +	1	DC +
	2	Supply Voltage	2	Supply Voltage	2	Supply Voltage	2	Supply Voltage
	3	NC Do not connect	3	NC Do not connect	3	NC Do not connect	3	NC Do not connect
	4	DC-	4	DC-	4	DC-	4	DC-
	5	Supply Ground	5	Supply Ground	5	Supply Ground	5	Supply Ground
	6	PWM Command Signal	6	RS485A	6	CAN_H	6	RX+
	7	Feedback Signal	7	RS485B	7	CAN_L	7	RX-
	8	Signal GND	8		8		8	TX+
					9		9	TX-

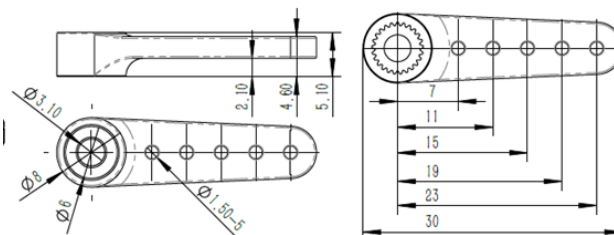
### 5. Accessories List

Model	Output Shaft Spline	Item	Item No.
HS20-12-M-5525-X	25T 6mm	Aluminum Servo Arm (Single side)	0625.11
		Aluminum Servo Arm (Single side)	0625.23
		Aluminum Servo Arm (Single side)	0625.40
		Aluminum Servo Arm (Double side )	0625.60

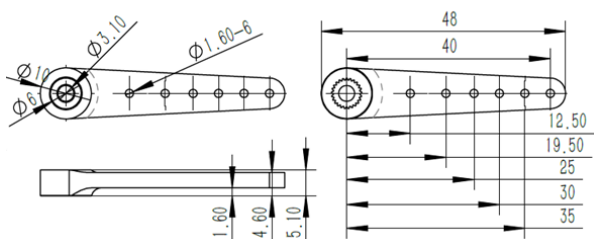
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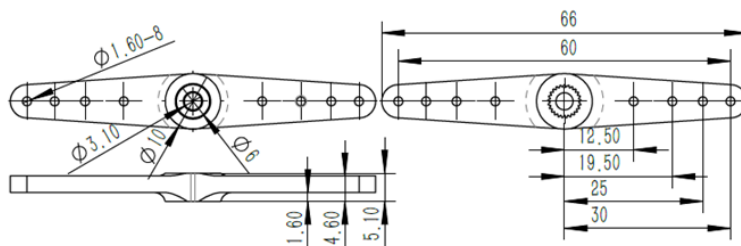
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Item No.: 0625.40



Item No.: 0625.60



### 6. Item Number System

