

Product specification

1. Pin out of the connector

No	CH2	Color	No	CH2	Color	signal	
16	Vin A	Red/white	1	Vin A	Black	Phase A	Connector 12-24VDC(in case of open collector output)
17	A(+)	Orange/black	2	A(+)	Brown		Connector (+) signal (in case of differential output)
18	A(-)	Green/white	3	A(-)	Red		Connector signal (in case of open collector output) Connector(-) signal (in case of differential output)
19	Vin B	Blue/white	4	Vin B	Orange	Phase B	Connector 12-24VDC(in case of open collector output)
20	B(+)	Yellow/black	5	B(+)	Yellow		Connector (+) signal (in case of differential output)
21	B(-)	Violet/white	6	B(-)	Green		Connector signal (in case of open collector output) Connector(-) signal (in case of differential output)
22	Vin M	Grey/black	7	Vin M	Blue	Marker	Connector 12-24VDC(in case of open collector output)
23	M(+)	Pink/black	8	M(+)	Violet		Connector (+) signal (in case of differential output)
24	M(-)	Light blue/black	9	M(-)	Grey		Connector signal (in case of open collector output) Connector(-) signal (in case of differential output)
25	N.O.	N.C(light green/black.cut)	10	N.O.	N.C(wihte.cut)		Don't connect
26		N.C(pink/red.cut)	11		N.C(pink.cut)		
27		N.C(pink/blue.cut)	12		N.C(light/blue.cut)		
28	Y2	Pink/green	13	Y0	Light green	Output	Comparison output(open collector)
29	Y3	Red/black	14	Y1	Black/white		Comparison output(open collector)
30	Com2	Orange/white	15	Com1	Brown/white		Comparison output common

2. Cable specification

Item	UL 2464 cable 30C+1+AL+braid
Conductor	26AWG. TC 7/0.16 length of lay 15mm
Insulation	SR-PVC thickness 0.25mm ID=1.00±0.05mm
Shield	AL mylar overlap 25%
Drain wire	7/0.20 TC length of lay 15mm
Braid	TC 9/0.12*24 coverage 85.0%
Jacket	80°C PVC gray OD=9.00±0.10

Rating TEMP 80°C, voltage 300V.

3. Connector

Connector case	HIF 3BA-30D-2.54C	Connector for 30 pins	HIROSE
Connector receptacle	HIF 3-2226SCC	Partial plated terminal	HIROSE
Connector cover	HIF3-30CV		HIROSE