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Find the *AMCI 1731* at our website: *Click HERE*

AB PLC-5 >> Resolver Interface >> 1700 Series

product manual

Resolver Interfaces

up to 4 channels
fully programmable
no req'd hardware
easy set-up & install



AMCI has engineered a simple, efficient interface that provides a direct resolver connection to the 1771 I/O system. This interface reduces costs through easier setup and installation. Designed to **interface** to AMCI's extensive line of industrial **resolvers**, an off-the shelf solution is available for all of your absolute position sensing applications.

Fully programmable from the 1771 processor or its on-board keypad, these modules offer position resolutions of up to 8,192 counts per turn for single turn applications. For multi-turn applications these modules are capable of 4,096 counts per turn over a maximum of 180 turns. With tens of thousands of modules in use today, product reliability and loyalty are unparalleled.

DUAL SLOT MODULE	173X	174X	176X	1763
PLC platform	PLC-5			
Postion sensor	resolver			
Number of channels	x = 1 to 4	x = 1 to 4	x = 1 to 2	1
Max. full scale count	1024	8192	4096/turn	1024/turn
Position update time	200us / resolver			
Tachometer update time	programmable 32, 60, 120, or 240ms		fixed 32ms	
Tachometer resolution	1 rpm / 0-2,000 rpm or programmable 1 or 0.1 rpm, 0-1,000 rpm			
DC supply requirements 5Vdc	900mA			
Transducer compatibility	H25 / HT-20 / HT-400 / HT-6 / R11X-J10/7 HT-20 -(X)		HTT-20 / HTT-425 HTT-400	HMT-20 / HMT-425
Cable requirements	CTL-X		CML-X	CMT-X
Required hardware	na			
Optional hardware	IMT Interface Module : simplify 3 & 4 input wiring		na	na

ONE SLOT MODULE	173XH	1761H
PLC platform	PLC-5	
Postions sensor	resolver	
Maximum resolution	1024	4096/turn
Number of channels	1 to 2	1
Transducer compatibility	H25 / HT-20 / HT-400 / HT-6 / R11X-J10/7 HT-20 -(X)	HTT-20 / HTT-425 HTT-400
Tachometer update time	32 or 120ms	32ms
Position update time	200us / resolver	400us
DC supply requirements 5 Vdc 24 Vdc	415mA	350mA
Cable requirements	CTL-X	CML-X
Required hardware	na	
Optional hardware	na	

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