

# KUKA EtherNet/IP (Implicit Messaging)

Supported Series: KR C4 COMPACT

Website: <https://www.kuka.com/>

## HMI Setting:

Parameters	Recommended	Options	Notes
<b>PLC type</b>	KUKA EtherNet/IP (Implicit Messaging)		
<b>PLC I/F</b>	Ethernet		
<b>Port no.</b>	44818		
<b>Timeout</b>	5		
<b>Turn around delay</b>	0 (ms)		
<b>Requested Packet Interval</b>	50 (ms)		
<b>Assembly instance</b>	Input:101 Size:64 Output:102 Size:64		

<b>Online simulator</b>	YES
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### Assembly instance:

Input: Set the device to read back the instance number of the input buffer under Assembly (0x04).

Output: Set the device to write the instance number of the output buffer under Assembly (0x04).

### Size:

Input: Set the device to read back the buffer size of the input buffer under Assembly (0x04).

Output: Set the buffer size that the device writes to the output buffer under Assembly (0x04).

## Device Address:

Bit/Word	Device type	Format	Range	Memo
B	Input_8Bit	DDDo	0 ~ 5127	
B	Output_8Bit	DDDo	0 ~ 5127	
W	Input	DDD	0 ~ 512	
W	Input_Overflow	DDD	0 ~ 512	
W	Input_Byte	DDD	0 ~ 512	
W	Output	DDD	0 ~ 512	
W	Output_Overflow	DDD	0 ~ 512	
W	Output_Byte	DDD	0 ~ 512	

## Wiring Diagram:

### Ethernet cable

