

# Modbus function codes (provided by Proview)

FC	Functions	Registers (dec)	Channels (representation)
01	ReadCoils	<b>0x</b> (2000 bits, <b>0x0001</b> to <b>0x0125</b> )	ChanDi (Bit8)
02	ReadDiscretInputs	<b>1x</b> (2000 bits, <b>1x0001</b> to <b>1x0125</b> )	ChanDi (Bit8)
03	ReadHoldingRegisters	<b>4x</b> (125 words, <b>4x0001</b> to <b>4x0125</b> )	Chanli (UInt16 or Int16), ChanAi (UInt16 or Int16), ChanDi (Bit16)
04	ReadInputRegisters	<b>3x</b> (125 words, <b>3x0001</b> to <b>3x0125</b> )	Chanli (UInt16 or Int16), ChanAi (UInt16 or Int16), ChanDi (Bit16)
05	WriteSingleCoils	<b>0x</b> (2000 bits, <b>0x0001</b> to <b>0x0125</b> )	ChanDo (Bit8)
15	WriteMultipleCoils	<b>0x</b> (2000 bits, <b>0x0001</b> to <b>0x0125</b> )	ChanDo (Bit8)
16	WriteMultipleRegisters	<b>4x</b> (123 words, <b>4x0001</b> to <b>4x0123</b> )	Chanlo (UInt16 or Int16), ChanAo (UInt16 or Int16), ChanDo (Bit16)

Registers	Read	Write Single	Write Multiple
Discrete Output Coils <b>0x</b>	FC01	FC05	FC15
Discrete Input Contacts <b>1x</b>	FC02	/	/
Analog Input Registers <b>3x</b>	FC04	/	/
Analog Output Holding Registers <b>4x</b>	FC03	/	FC16

