

EXI-600AD Series | Explosion-proof Weighing Controller



Features

- ▶ Explosion-proof and waterproof structure
 - Intrinsic pressure, dust, hydrogen gas explosion proof structure
 - Waterproof (IP66)
 - ATEX & KCS Approval
- ▶ Front opening structure

- ▶ High A/D conversion speed (200times/sec)
- ▶ High display resolution 1/10,000
- ▶ User-friendly interface (4.3" Full Graphic TFT LCD)
- ▶ Constant voltage touch method
- ▶ Provide various interfaces

Option

- ▶ Analog out (V-out/I-out)
- ▶ Ethernet (Modbus TCP)
- ▶ BCD In/Out

- ▶ External 4 Input / 6 Output
- ▶ External 6 Input / 8 Output

Specifications

Model		EXI-601AD	EXI-605AD	EXI-607AD
Explosion Proof Class	Korean (KCS)	Ex d IIB+H2 T6 (Ex tD A21 T80~120°C IP66)		
	European (ATEX)	II 2G Ex D IIB+H2 T6 Gb, II 2D Ex tb IIIC T80°C Db		
Load cell excitation voltage		DC5V		
No. of Load cell connection		8ea (350Ω)		
Zero Adjustment Range		0 ~ 2mV/V		
Load cell Input Range		-2.0mV/V ~ 3.2 mV/V		
Input sensitivity		0.5 uV/D (Approval) , 0.3 uV/D (Non-approval)		
A/D Internal resolution		1/1,000,000		
A/D external resolution		1/10,000		
A/D conversion speed		Up to 200 times/sec		
Display		4.3" Graphic LCD		
Key		10 Numeric key, 5 Function keys (Touch key)		
Interface	Basics	RS-232C X Port (COM1, COM2), RS-422/485 (Modbus RTU) x 1ea		
	Option	Analog output (I-out/V-out), Ethernet (Modbus TCP), BCD In/Out		
External Input / Output		-	Input 2ea / output 4ea (Option)	Input 6ea / output 8ea (Option)
Operating Power		DC10~24V or AC100~240V		
Operating Temp		-20 ~ 40 °C		
Product Size (W x D x H)		368.1 X 162.6 X 258mm		
Product Weight		18kg		