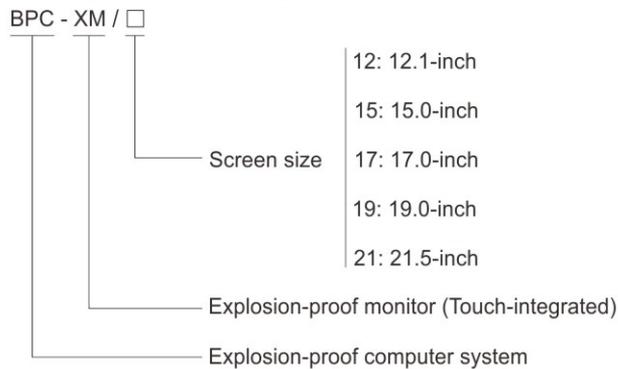


Explosion-proof Computer System BPC-XM Series Explosion-proof Monitor (Touch-integrated)



- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22

■ Catalogue number logic



■ Product features

- ◆ Explosion-Proof Human-Machine Interface (HMI) with touch capability, offering high efficiency and sensitivity, enabling direct touch in explosion-proof zones;
- ◆ Dual-NIC standard configuration provides network redundancy, enhancing client availability on the network;
- ◆ Fanless design featuring unique and innovative high-efficiency thermal management, preventing shutdowns caused by fan failures;
- ◆ Wide-screen display maintains the same resolution as DCS system operator stations, achieving optimal quality and viewing experience;
- ◆ Support direct communication with PLCs, facilitating seamless data exchange with connected devices;
- ◆ Specially designed for hazardous industrial environments, this integrated explosion-proof HMI operates via touch, supports onboard intrinsic safety keyboards, and explosion-proof mice, and is widely used in information and automation control systems across explosive hazard sites.

Zones 1&2; 21&22

Explosion-proof Computer System

BPC-XM Series Explosion-proof Monitor (Touch-integrated)

Technical data

Explosion-proof monitor (Touch-integrated) BPC-XM

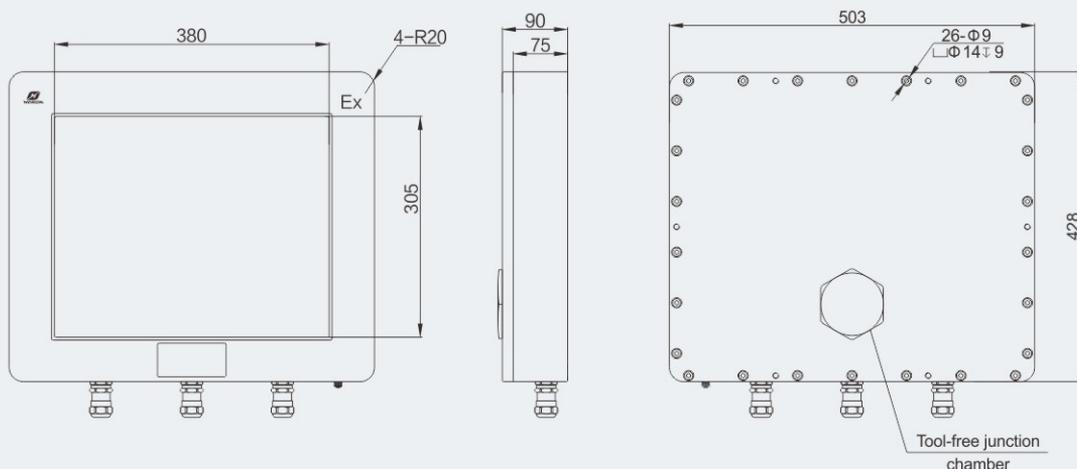
Explosion protection	
Global (IECEX)	IECEX (applied for)
Gas and dust	Ex db IIB T6 Gb Ex tb IIIC T80°C Db
Europe (ATEX)	ATEX (applied for)
Gas and dust	⊕ II 2 G Ex db IIB T6 Gb ⊕ II 2 D Ex tb IIIC T80°C Db
Certificates	IECEX; ATEX
Conformity to standards	IEC 60079-0, IEC 60079-1, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-31
Degree of protection	IP66
Brightness	350cd/m ² (>600cd/m ² optional)
Operating Mode	Fingertip or touch-pen operation (explosion-proof keyboard and mouse optional)
CPU	Intel Core i5 / Intel Core i7
Memory	8 GB(16GB, 32GB optional)
Storage	128G SSD(256G, 512G, 1T SSD optional)
Ethernet	2*10/100/1000 Mbps Ethernet/R45
Serial Port	4 * RS485 /RS422 /RS232
USB	USB 3.0, with extension capability for 2 USB 2.0
Operating System	win 7, win 10, win 11, Kirin (Domestic version)
Operating Temperature	-40°C~+60°C
Operating Voltage	220VAC, 110VAC /24VDC
Installation Method	Wall-mounted, flush-mounted on front panel, optional column-/cantilever-/wall-mounted console

Selection table

Product Model	BPC-XM/12	BPC-XM/15	BPC-XM/17	BPC-XM/19	BPC-XM/21
Screen Size	12.1"	15"	17"	19"	21.5"
Resolution	1024*768(4:3)		1280*1024(5:4)		1920*1080(16:9)
Unit Weight	16Kg	24Kg	30Kg	34Kg	36Kg



Dimension drawings (all dimensions in mm) - subject to alteration



This diagram depicts a 19-inch model.