

INTELLPAK Signal Distributor | IP50DBE/DBC

The INTELLPAK IP50DBE/DBC is a signal distributor for supplying electric power to a 2-wire on-site transmitter and extracting standard 4-20 mA DC or 1-5 Vdc signals from the transmitter.



Specifications

Input	Input signal	4 to 20 mA _{dc}			
Output	Output signal	4 to 20 mA _{dc} or 1 to 5 V _{dc} (specified with model No.)			
General specifications	Accuracy	±0.1% FS at the reference temperature of 23 °C			
	Response time	Isolation type: 25 ms for 90% response time			
	Power supply type	AC (isolation type)		AC (non-isolation type)	
	Rated power supply voltage	100/110/120 Vac 50/60 Hz	200/220/240 Vac 50/60 Hz	100/110/120 Vac 50/60 Hz	200/220/240 Vac 50/60 Hz
	Power consumption	Approx. 6.0 VA		Approx. 2.0 VA	
Weight	Approx. 200 g (including base socket)				
				DC	
				24 V _{dc}	
			Approx. 2.0 VA		Approx. 2.6 VA

Model No. configuration

Ex.: IP50DBC01AA00

IP50DBE series

Basic model No.	Input type	Output type	Power supply voltage	Addition	Description		
IP50DBE	00				Non-isolation type distributor		
					4 to 20 mA _{dc} 2-wire type transmitter		
	01					4 to 20 mA _{dc} 2-wire type transmitter (compatible with smart communicator)	
						A	4 to 20 mA _{dc}
	H					1 to 5 V _{dc}	
						A	100/110/120 Vac 50/60 Hz
	B					200/220/240 Vac 50/60 Hz	
						D	24 V _{dc}
	00					None	
						T0	Tropicalization treatment
						D0	Inspection certificate
						B0	Tropicalization treatment + inspection certificate
						Y0	Supports traceability certification

IP50DBC series

Basic model No.	Input type	Output type	Power supply voltage	Addition	Description		
IP50DBC	00				Isolation type distributor		
					4 to 20 mA _{dc} 2-wire type transmitter		
	01					4 to 20 mA _{dc} 2-wire type transmitter (compatible with smart communicator)	
						A	4 to 20 mA _{dc}
	H					1 to 5 V _{dc}	
						A	100/110/120 Vac 50/60 Hz
	B					200/220/240 Vac 50/60 Hz	
						D	24 V _{dc}
	00					None	
						T0	Tropicalization treatment
						D0	Inspection certificate
						B0	Tropicalization treatment + inspection certificate
						Y0	Supports traceability certification

Optional parts (separately sold)

Name	Model No.
Vibration isolation bracket	QN718A
Diode for current check	81404381-001
250 Ω resistor for 1-5 V conversion	81404382-001

External dimensions

