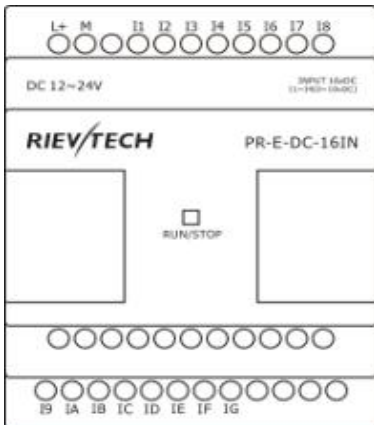


◆ **Technical Data:**

Model:PR-E-DC-16IN

RIEV/TECH



1.16 pcs extensions can be applied to the PR CPUs

2.Connection cable length can be customized(Max. 30 Meters for the distance between the end extension and CPU)

Technical Index

Power supply:	
Nominal voltage	DC 12-24V
Operating limits	DC 10.8-28.8V
Immunity from micro power cuts	Typ.5 ms
Max. Startup current	Max. 0.25A
Max. absorbed power	0.7 W (10.8V dc) ; 0.8 W (28.8V dc)
Protection against polarity inversions	Yes
Input parameters:	
Input No	16 (I1-IG)
Digital input	16 (I1-IG)
Analogue input	4 (I1-I4)(0..10V DC)
Digital inputs(I5-IG)	
Input voltage	DC0-28.8V
Input signal0	< 5V DC; <1mA
Input signal1	> 8 V DC;>1.7mA
Input current	2.1mA @ 10.8V dc 2.6mA @ 12.0 V dc 5.2 mA @ 24 V dc 6.3 mA @ 28.8 V dc
Response time	0 to 1 : <1 ms ; 1 to 0 : <1 ms
Maximum counting frequency	4 Hz(I5--IG)
Sensor type	Contact or 3-wire PNP
Input type	Resistive
Isolation between power supply and inputs	None
Isolation between inputs	None
Inputs used as digital inputs(I1-I4)	
Input voltage	DC0-28.8V
Input signal0	< 5V DC;<0.1mA
Input signal1	> 8 V DC;>0.3mA
Input current	0.4mA @ 10.8V dc 0.5mA @ 12.0 V dc 1.2mA @ 24 V dc 1.5mA @ 28.8 V dc

Response time	0 to 1 : Typ. 1.5 ms ; 1 to 0 : Typ. 1.5 ms
Maximum counting frequency	Typ.: 4 HZ
Sensor type	Contact or 3-wire PNP
Input type	Resistive
Isolation between power supply and inputs	None
Isolation between inputs	None
Inputs used as analog inputs(I1-I4)	
Measurement range	DC 0---10V
Input impedance	Min, 24K Ω ; Max. 72K Ω
Input voltage	28.8 V DC max
Resolution	9bit ,0.015V
Accuracy at 25 °C	\pm (Max.0.03)V
Accuracy at 55 °C	\pm (Max.0.06)V
Isolation between analog channel and power supply	None
Cable length	10 m max. shielded and twisted
Other parameters:	
Operation temp	-20°C-55°C
Storage temp	-40°C-70°C
Weight	Approx.200g

Installation Dimensions & Wiring Diagram

