NO2FW-XP

Female chassis connector with ruggedized anticorrosive plating, 4 crimp contacts, 1 XB2 feedthrough socket and 1 shell ground contact for SMPTE cable shield. Waterproof acc. to protection class IP68 in mated condition with sealing kit SCXP-F.

The chassis connector acts as a feedthrough allowing simplified installations by connecting a XB2 patch cable on the rear. The chassis cut-out has the same size as common standard broadcast cut-outs and is therefore simple to integrate into existing systems.

Additional dirt and dust protection: SCNO2FW-XP sealing cover.

Now available!

Features & Benefits

- Suggested OEM equipment connector with common broadcast cut-out
- Designed as feedthrough for easy repair and replacement
- Improved guiding nose for safe and correct connection
- Suitable for indoor (studio) and outdoor (OB-Truck) camera links according to SMPTE Standard
- Ruggedized and dirt protected hybrid feedthrough connection system
  - 1 MPO cut-out for XB2 patch cord
  - 2 signal contacts
  - 2 power contacts
  - 1 ground contact
- IP68 in mated condition with SCXP-F

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Technical Information

Product	
Title	NO2FW-XP
Gender	female

Electrical	
Contact resistance	< 7 mΩ
Insulation resistance	> 10 GΩ (initial)
Mains	240V AC / 10A / 50Hz 120V AC / 10A / 60Hz 300V DC / 7A
Sense	42V AC peak / 1-3A / ≤1kHz 60V DC / 1-3A

Mechanical	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime (typ.)	10'000 mating cycles
Locking force	900 N
Locking device	Push-Pull
Mounting direction	Front mounting
Chassis shape	Common standard Broadcast cut-out
Wiresize (power)	max. 16 AWG
Wiresize (sense)	max. 24 AWG

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Material	
Contacts	Brass
Insert	Polyetherimide and Polycarbonate (PEI+PC)
Shell	Zinc diecast and Polyoxymethylen
Shell plating	Nickel

Environmental	
Temperature range	-40 °C to +75 °C

Optical	
Insertion loss	Typ. 0.6 dB per connection / Max. 1.0 dB per connection
Optical connector	XB2 Feedthrough

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