



NO2MW-XP

Male 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-M.

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 lockable dirt and dust protection: SCNO2MW-XP sealing cover.

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Features & Benefits

- Suggested OEM equipment connector with common broadcast cut-out
- Improved guiding nose for safe and correct connection
- 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
- Designed as feedthrough for easy repair and replacement
- Suitable for indoor (studio) and outdoor (OB-Truck) camera links according to SMPTE Standard
- IP68 in mated condition with SCXP-M

Technical Information

Product	
Title	NO2MW-XP
Gender	male

Electrical	
Contact resistance	< 7 mΩ
Insulation resistance	> 10 GΩ (initial)
Rated Voltage (Power Contact 2+3)	230 V AC @50 Hz / 330 V DC 120 V AC @60 Hz / 170 V DC
Rated Current (Power Contact 2+3)	10 A
Rated Voltage (Sense Contact 1+4)	42 V AC / 60 V DC
Rated Current (Sense Contact 1+4)	3 A*
	*According to IEC 62368-1: For rated current up to 3 A, a nominal cross-sectional area of 0.5 mm ² may be used in some countries provided that the length of the cord does not exceed 2 m.

Mechanical	
Insertion force	< 45 N
Withdrawal force	< 45 N
Lifetime	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

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
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Optical

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