SHX30 Rectangular Rubber-Molded Underwater Connectors, 7000 m

7000 m rated · rectangular · straight or right-angle



Depth	7000 m
Pressure rating	70 MPa mated and unmated
Contacts	2 to 8
Current rating	5–10 A
Temperature	–40 to +60 °C

Key features

- Rated to 7000 m operating depth; 70 MPa pressure rating mated and unmated
- Rectangular rubber-molded body, straight or right-angle
- Molded to the cable in your length
- Wet-mateable: can be mated with water on the contact faces
- Custom contact counts, cable types and lengths on request

Specifications

Pressure and depth

Parameter	Value	Condition
Rated operating depth	7000 m	
Pressure rating, unmated (open face)	70 MPa	
Pressure rating, mated	70 MPa	

Electrical

Parameter	Value	Condition
Dielectric withstanding voltage	1000 V	
Insulation resistance	≥ 1000 MΩ	500 VDC
Contact resistance	≤ 10 mΩ	
Current rating	10 A	2 to 4 contacts
Current rating	5 A	5 to 8 contacts

Mechanical and environmental

Parameter	Value	Condition
Durability	500 mating cycles	
Vibration	10–500 Hz, 147 m/s²	Electrical interruption ≤ 1 µs
Shock	100 g, half-sine, 11 ms	Electrical interruption ≤ 1 µs
Operating temperature	–40 to +60 °C	

Mechanical and environmental		
Parameter	**Value**	**Condition**
Salt spray	500 h	

Versions

Series code	Version	Notes
SHX30/Z	Straight	
SHX30/W	Right-angle	

How to order

SHX30 /[form] – [contacts] [contact] ([cable length])

Example: **SHX30/Z–4P** — Straight, 4 pin contacts, 0.5 m cable

Code segment	Options
Form	**Z** Straight
Form	**W** Right-angle
Contacts	**2 – 8** 2, 3, 4, 5, 6, 7, 8
Contact	**S** Socket
Contact	**P** Pin
Cable length	**(none)** 0.5 m
Cable length	**(n)** Length in meters

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=SHX30