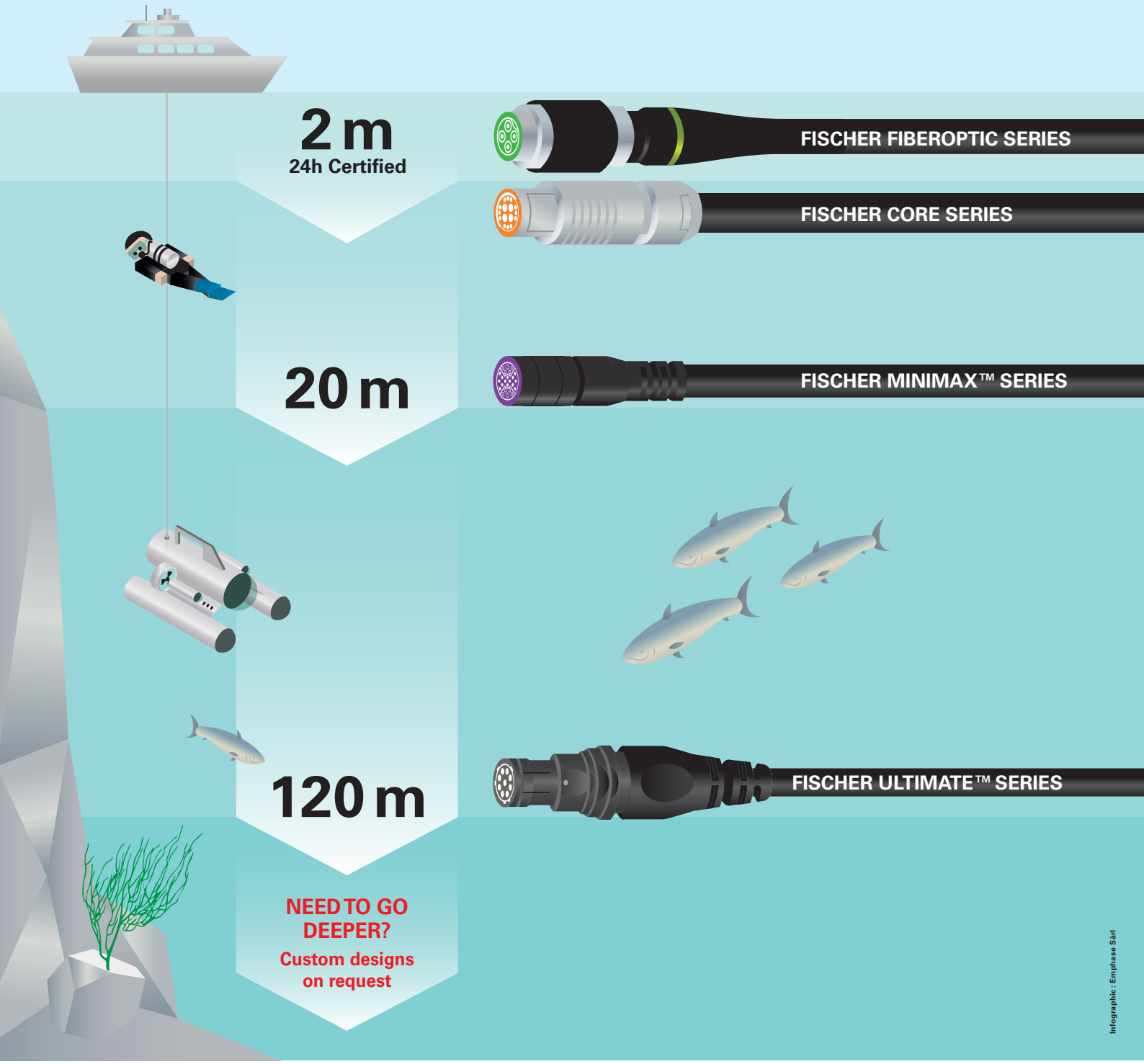
IP68

SEALED & RUGGED

CONNECTIVITY SOLUTIONS FOR YOU TO GO DEEPER



THE **RELIABLE** EXPERT

fischer® CONNECTORS

SEALED & RUGGED CONNECTIVITY SOLUTIONS

IP68

SEALING CATEGORIES

The IP (Ingress Protection) classification system provides a reliable method of comparing relative levels of sealing between various connectors, whereby the first number describes the level of protection from solid objects and the second one relates to protection from liquids. The digits indicate conformity with the conditions summarized in the tables below.

IP RATING

SOLIDS

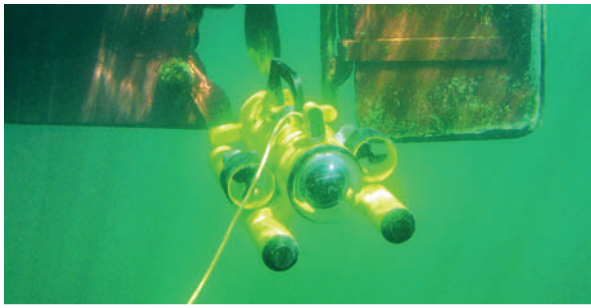
0	Non-protected
1	Protected against solid objects greater than 50 mm
2	Protected against solid objects greater than 12 mm
3	Protected against solid objects greater than 2.5 mm
4	Protected against solid objects greater than 1.0 mm
5	Dust protected
6	Dust tight

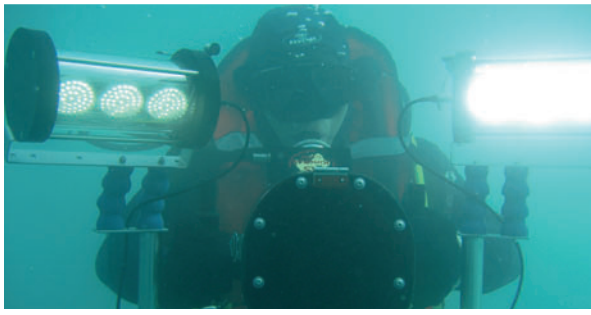
WATER

0	Non-protected
1	Protected against dripping water
2	Protected against dripping water when filled, up to 15°
3	Protected against spraying water
4	Protected against splashing water
5	Protected against water jets
6	Protected against heavy seas
7	Protected against immersion effects
8	Protected against submersion
9	Protected against intense water jets

Example: IP68

INGRESS PROTECTION





IP68 SEALED SOLUTIONS FROM FISCHER CONNECTORS

Our standard IP68 sealed solutions have been tested at a depth of 2 meters during 24 hours.
We can develop sealed connectivity solutions based on your application's requirements (depth, pressure, etc.), tailor-made for you.

	Maximum depth	Availability
All product lines	2 m	Standard
Fischer MiniMax™ Series	20 m	Optional*
Fischer UltiMate™ Series	120 m	
Fischer Rugged Flash Drive	120 m	Standard
Custom solutions (all product lines)	As deep as you need	On request*

*Limitations apply.

SALT & MARINE ENVIRONMENTS

Fischer Connectors offers a full range of materials and coatings that fulfill the most demanding applications. Seawater and salt mist can act as an electrolyte, because salt water strongly increases its conductivity, enabling galvanic corrosion effects to occur. Choosing the right materials and coatings is paramount.

Recommended product line	Raw material	Coating
Fischer Core Series Brass	Brass	Ni + Cr
Fischer Core Series Stainless Steel	Stainless steel 316L	Uncoated
Fischer UltiMate™ Series	Brass	Ni
Fischer FiberOptic Series	Brass	Ni + Cr
Fischer MiniMax™ Series	Brass	Ni + Cr

For more information visit
www.fischerconnectors.com/sealing

fischer CONNECTORS