

OsiSense™ XZ

Machine cabling accessories

Cabling systems

Specifications			
Type of cable		High-performance cables XZCP and XZCR See pages 13 to 33	General use cables XZCPV and XZCRV See pages 13 to 19
Ambient air temperature			
	For operation	°C (°F) –35 to +90 (–31 to +194)	–25 to +80 (–13 to +176)
	For storage	°C (°F) –55 to +100 (–67 to +212)	–55 to +80 (–67 to +176)
Color		Matte black	Gray
Material	Sheath	PUR/PVC	PVC
	Conductor insulation	PVC	PVC
Manufacturing method		Without silicone and without demolding agent	Without silicone and without demolding agent
Nominal voltage		V 320, conforming to DIN VDE 0110 (III/3)	~ 250 V, --- 300 V
Insulation voltage		kV 2.5	2.5
Flame resistance		C2 conforming to NF C 32-070	VW-1 conforming to UL758
Environmental resistance		Resistant to soluble, mineral, or synthetic oils at 194 °F (90 °C)	Conditions of use where not continuously immersed
Bending radius		Dynamic: 15 x external diameter Static: 10 x external diameter	Static: 10 x external diameter
Tensile strength		N/mm ² 20 to 45	10
Hardness		80 ±5 Shore A	70 ±5 Shore A

