For definitive product information, please refer to the *Technical Specifications*.

CABLE MOUNTED RECEPTACLE

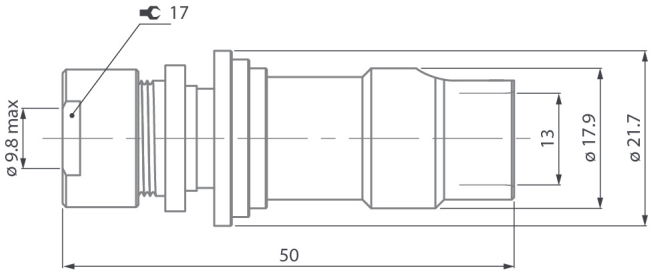
GENERAL INFORMATIONS

Part number	131521
Designation	UR50Z13 F027S BK1 E1ZB
Product line	UltiMate™ Series
Series size	13
Connector type	Receptacle
Body style design	Straight
Housing material	Brass
Housing color	Anthracite
Contact termination	Solder
Contact gender	Female
Contact configuration	Multipole low voltage
Locking system	None
Mounting type	Cable Mounted
Cable diameter (min - max) *[mm]*	6.9 - 11.2
Panel cut-out diameter *[mm]*	-
Data protocol compliance	-



Picture for illustration purpose only.
Contact configuration may vary- refer to pin layout.

DIMENSIONS



KEYING CODE



PIN LAYOUT



All dimensions and images shown are in millimeters and are for reference only.

ELECTRICAL & CONTACT CONFIGURATION

Number of contacts	Contact type	Insultator material	Contact Ø *[mm]*	Pin Ø *[mm]*	Ground pin Ø *[mm]*	Wire size min *[AWG]*	Wire size max *[AWG]*	Test voltage AC r.m.s *[kV] in mated position*		Test voltage DC *[kV] in mated position*		Current per contact *[A]*
								Contact to body	Contact to contact	Contact to body	Contact to contact	
27	Multipole low voltage	PBT	0.5	-	-	-	26	1.2	0.5	1.8	0.5	2

ENVIRONMENTAL & MECHANICAL DATA

Characteristic	Value	Standard
Sealing performance	IP68/IP69 unmated	IEC 60529 (-2m/24h)
Operation temperature	From -55 °C to 135 °C	IEC 60068-2-14-Nb
Corrosion resistance	Salt mist, 1000 hours ; 5% salt solution, 35°C	IEC 60068-2-11 Test Ka // MIL-STD-202 Method 101 Condition A // EIA-364-26
Endurance	10’000	IEC 60512-9-1 // EIA-364-09
Vibration resistance	37,80 Grms	MIL-STD-202 Method 214A Condition I // EIA-364-28 Condition V
Shock resistance	300g amplitude, half sine pulse of 3 ms, no discontinuity > 1 µs	MIL-STD-202 Method 213 // EIA-364-27