

## SUMMARY

### # Wires

Low	16
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	3S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.3S.316.CLAC10
Status	active
Alternative part	



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EHP*: Fixed receptacle, nut fixing, protruding shell
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	Ø 0 - 0 mm
Variant	
Weight	31.96 g

### Performance

Configuration	3S.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

### Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.9 mm (0.0354in)

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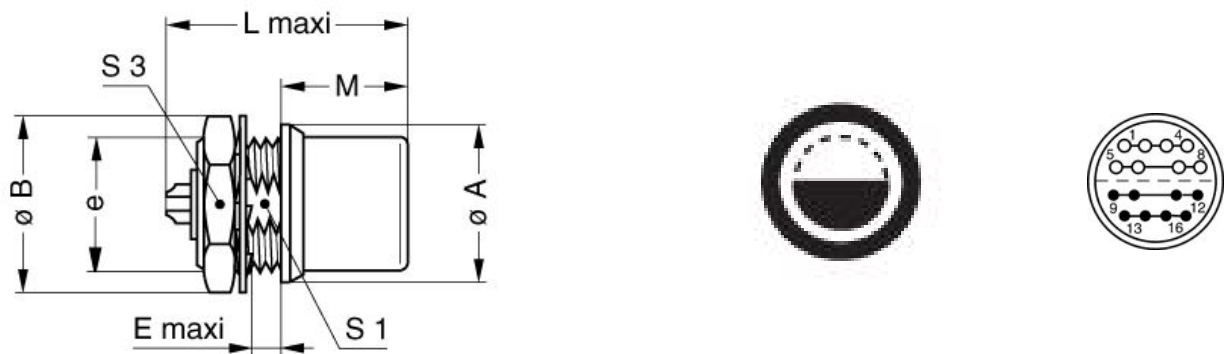
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm^2 (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°C  
Humidity (max): <=95% [at 60 deg C /140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Salt Spray Corrosion: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	L1	M	S3	e
mm.	22	25.0	4	29	29	18.7	22	M18x1.0
in.	0,87	0,98	0,16	1,14	1,14	0,74	0,87	





















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## Tools

None

## Cables

CMN.16.B22.084PG3Z		Grey	
CMN.16.T22.076QGZE	TPR (medical)	Grey	
CMN.16.T22.077PGCE	PVC	GREY	
CMN.16.T22.077PGZE		Grey	
CMN.16.T22.077PNCE	PVC	Black	
CMN.16.T22.077PNZE			
CMN.16.T22.079PGCE	PVC	GREY	
CMN.16.T22.079PGZE		Grey	
CMN.16.T22.079PNCE	PVC	Black	
CMN.16.T22.079PNZE			
CMN.16.T28.059PGCE	PVC	GREY	
CMN.16.T28.059PGZE		Grey	
CMN.16.T28.059PNCE	PVC	Black	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
CMN.16.T30.047QGZE	TPR (medical)	Grey	
016 050	PVC	Black	
116 080	PUR	Black	
116 280	PVC	Black	
216 220	PVC	Black	
216 240	PVC	Black	
216 260	PVC	Black	
316 250	PVC	Grey	

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