

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)[SE series](#)[Customer Drawing](#)

Number of contacts Low Voltage	6
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M20
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Suggested matching part	FFA.2E.306.CLAC25Z
Series	E - Outdoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-306-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.6 mOhm
Insert configuration value	2E.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Test voltage (kV DC)	2.1
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039 in)
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	35.1 g
Panel Drill Hole	M20

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Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
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Recommended By Lemo

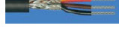
Caps

Compatible cap	BRE.2K.200.NAS
Cap 2	BRE.2K.200.CAS

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T20.062PGZE		grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106220	PVC	Black	
106240	PTFE	White	
12080	PVC	Grey	
160140	PVC	Grey	
160240	PVC	Black	
160260	PVC	Black	
260250	PVC	Grey	
360500	PVC	Grey	
360750	PVC	Grey	
60260	PTFE	White	
6280	PVC	Black	

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