

# ERT.1S.275.CTL

## **SUMMARY**

#### # Wires

Low	0	
High	0	
Coax	1	
Triax	0	Download
Quad	0	Request a
Fiber	0	Catalog
Fluidic	0	<u></u>
Series	1S	
Termination type	Female solder	
IP rating	50	
Cable Ø	0.00 - 0.00 mm	
Matching parts	FFA.1S.275.CLAC27	
Status	active	
Alternative part		

Image is for illustrative purpose only

Request a quote Catalog

### **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model	ERT*: Fixed receptacle, force fit, with grounding tab
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	: 0 - 0 mm
Variant	
Weight	7.73 g
Performance	

Configuration	1S.275 : 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated Current	10 Amps

#### **Specifications**

Contact Type: Coaxial 75 Ohm (Solder) Max. Matings: 1000 Contact Dia.: 1.3 mm (0.0512in)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

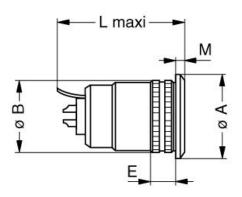
Bucket Dia.: 1.1 mm (0.0432in) Vtest: 2400 V (AC), 3300 V (DC) Impedance: 75 Ohm VSWR: 1.02 + 0.08 \* f/GHz Cable type: RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408

#### 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

	А	В	E	L	Μ
mm.	14	11.98	3.5	22.4	1.5
in.	0,55	0,47	0,14	0,88	0,06

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

### **RECOMMENDED BY LEMO**

Tools

None

#### Cables

017 420PVCBlack017 450COPOLYMERBlack018 000PTFEBrown018 000PTFEWhite018 700PTFEWhite018 800PTFEWhite031 600PTFEBrown042 000PVCBlack052 000PVCBlack052 000PVCBlack158 480PURBlack158 480PVCBlack158 480PVCBlack158 490PVCBlack159 580PVCBlack178 190PTFEWhite178 190PTFEWhite162 270PTFEWhite176 270PTFEBlack177 190PVCBlack196 270PTFEWhite196 270PTFEWhite197 20PTFEBlack198 200.083.180BPVCBlack197 20PVCBlack198 20PVCBlack199 20PVCBla	CCN.50.051.1529NMC			
017 450COPOLYMERBlackImage: style s				
018 000PTFEBrown018 700PTFEWhite				
018 700PTFEWhite018 800PTFEWhite031 600PTFEBrown031 600PTFEBrown062 000PVCBlack158 480PURBlack158 480PVCBlack158 490PVCBlack159 580PVCBlack178 190PTFEBrown196 270PTFEWhiteCCX.50.030.083.180BWhiteICCX.50.086.292495NPVCBlackCCX.50.RG.058AU14BFEPWhiteCCX.50.RG.058AU61JPVCBlackCCX.50.RG.1744U28NPVCBlackCCX.50.RG.1744U28NPVCBlackCCX.50.RG.174BU18MFEPBrownCCX.50.RG.178BU18MFEPBrownCCX.50.RG.178BU18MPTFEBrownCCX.50.RG.188AU26BPFAWhiteCCX.50.RG.188AU26BPFAWhiteCCX.50.RG.188AU26BPFEWhiteCCX.50.RG.196AU19BPTFEWhiteCCX.50.RG.196AU20BPFAWhiteCCX.50.RG.196AU20BPFAWhite				
018 800PTFEWhiteImage: constraint of the sector of the se	018 000	PTFE		-16
031 600PTFEBrown062 000PVCBlack158 480PURBlack158 480PVCBlack158 490PVCBlack159 580PVCBlack178 190PTFEBrown196 270PTFEWhiteCCX.50.030.083.180BWhiteImmediateCCX.50.080.297538NPVCBlackCCX.50.080.297538NPVCBlackCCX.50.085.292495NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPTFEBrownCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU12MPTFEWhiteCCX.50.RG1.88AU26BPTFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPTFEWhiteCCX.50.RG1.96AU20BPTFAWhiteCCX.50.RG1.96AU20BPTFAWhite	018 700	PTFE	White	
062 000PVCBlackImage: style s	018 800	PTFE	White	
158 480PURBlack158 490PVCBlack158 490PVCBlack159 580PVCBlack178 190PTFEBrown196 270PTFEWhiteCCX.50.030.083.180BVCBlackCCX.50.080.297538NPVCBlackCCX.50.088.292495NPVCBlackCCX.50.RG0.58AU14BFEPWhiteCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MFFEBrownCCX.50.RG1.78BU18MFFEBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BFFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	031 600	PTFE	Brown	
158 490PVCBlack158 490PVCBlack159 580PVCBlack178 190PTFEBrown196 270PTFEWhiteCCX.50.030.083.180BWhiteImage: State St	062 000	PVC	Black	
159 580PVCBlackImage: style s	158 480	PUR	Black	
178 190PTFEBrown178 190PTFEWhiteI196 270PTFEWhiteICCX.50.030.083.180BWhiteIICCX.50.080.297538NPVCBlackICCX.50.088.292495NPVCBlackICCX.50.RG0.58AU14BFEPWhiteICCX.50.RG0.58AU14BFEPWhiteICCX.50.RG1.74-U25NPVCBlackICCX.50.RG1.74AU28NPVCBlackICCX.50.RG1.74U25NPVCBlackICCX.50.RG1.74U25NPVCBlackICCX.50.RG1.74U25NPVCBlackICCX.50.RG1.74U25NPVCBlackICCX.50.RG1.74U25NPVCBlackICCX.50.RG1.74U25NPVCBlackICCX.50.RG1.78BU18MFEPBrownICCX.50.RG1.78BU18MPTFEWhiteICCX.50.RG1.88AU26BPFAWhiteICCX.50.RG1.88AU26BPTFEWhiteICCX.50.RG1.96AU19BPTFEWhiteICCX.50.RG1.96AU19BPTFEWhiteICCX.50.RG1.96AU20BPFAWhiteI	158 490	PVC	Black	
196 270PTFEWhite196 270PTFEWhiteCCX.50.030.083.180BWhiteCCX.50.080.297538NPVCBlackCCX.50.088.292495NPVCBlackCCX.50.088.292495NPVCBlackCCX.50.RG0.58AU14BFEPWhiteCCX.50.RG0.58AU14BFEPWhiteCCX.50.RG1.74-U25NPVCYellowCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MFFEBrownCCX.50.RG1.88AU24BFFEWhiteCCX.50.RG1.88AU24BFFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU19BPFAWhiteCCX.50.RG1.96AU20BPFAWhite	159 580	PVC	Black	
CCX.50.030.083.180BWhiteWhiteCCX.50.080.297538NPVCBlackImage: Comparison of the state of the st	178 190	PTFE	Brown	
CCX.50.080.297538NPVCBlackCCX.50.088.292495NPVCBlackCCX.50.RG0.58AU14BFEPWhiteCCX.50.RG0.58AU61JPVCYellowCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU24BPFAWhiteCCX.50.RG1.96AU20BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	196 270	PTFE	White	
CCX.50.088.292495NPVCBlackCCX.50.RG0.58AU14BFEPWhiteCCX.50.RG0.58AU61JPVCYellowCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU24BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.030.083.180B		White	
CCX.50.RG0.58AU14BFEPWhiteCCX.50.RG0.58AU61JPVCYellowCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74D25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.080.297538N	PVC	Black	
CCX.50.RG0.58AU61JPVCYellowCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU24BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.088.292495N	PVC	Black	
CCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU24BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG0.58AU14B	FEP	White	
CCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU24BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG0.58AU61J	PVC	Yellow	
CCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU19BPFAWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.88AU24B	TFE	White	
CCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhite	CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.96AU20B PFA White	CCX.50.RG1.88AU26B	PTFE	White	
	CCX.50.RG1.96AU19B	PTFE	White	
	CCX.50.RG1.96AU20B	PFA	White	
CCX.50.RG3.16BU26M FEP Brown	CCX.50.RG3.16BU26M	FEP	Brown	
CCX.50.RG3.16U28M PTFE Brown	CCX.50.RG3.16U28M	PTFE	Brown	
CCX.50.RG5.8CU50N PVC Black	CCX.50.RG5.8CU50N	PVC	Black	
CCX.75.040.195327G PVC Grey	CCX.75.040.195327G	PVC	Grey	
CCX.75.RG0.59BU62N PVC Black	CCX.75.RG0.59BU62N	PVC	Black	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

CCX.75.RG1.79BU26M	FEP	Brown	
CCX.75.RG1.87AU26B	PFA	White	
CCX.75.RG1.87AU27B	PTFE	White	
CCX.93.RG0.62AU62N	PVC	Black	
CCX.95.RG1.80BU36M	PTFE	Brown	
CCX.95.RG1.95AU37B	PFA	White	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.