

CERTIFICATE OF COMPLIANCE

Certificate Number 20130704-E148885
Report Reference E148885-20130704
Issue Date 2013-JULY-04

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USR, CNR Component – Negative Temperature Coefficient (NTC) Sensor Models NTCALUG01x103yz, NTCALUG02x502yz, NTCALUG02x103yz, NTCALUG03x103yz, and NTCALUG39x103yz Series. See Table 1 for additional model designations and details.

Table 1

Model	Tmin (°C)	Tmax (°C)	R25 (ohm)	Beta25/85 (K)	Calibration Class No.
NTCALUG01x103yz NTCALUG(01x103yz)(*)	-40	125	10000	3984 ± 0.5%	C4
NTCALUG02x502yz	-40	125	5000	3984 ± 0.5%	C4
NTCALUG02x103yz	-40	125	10000	3984 ± 0.5%	C4
NTCALUG03x103yz	-40	125	10000	3984 ± 0.5%	C3
NTCALUG39x103yz	-40	125	10000	3984 ± 0.5%	C4
NTCALUG01x103yz					
NTCALUGE2C90169(*)	-40	125	10000	3984 ± 0.5%	C4
NTCALUGE2C90226(*)	-40	125	10000	3984 ± 0.5%	C4
NTCALUGE3C90570(*)	-40	125	10000	3984 ± 0.5%	C4
NTCALUGE3C90634(*)	-40	125	10000	3984 ± 0.5%	C4

Where x is any letter (A, B, C ...) indicating the cable type and size : PTFE insulation, ETFE insulation, FEP insulation, PVC insulation, PEEK insulation, PEX insulation, PEI insulation. AWG#24, AWG#26, AWG#28, AWG#30, AWG#32. Rating for cable is minimum 250 V.

Where y is R25 tolerance: F(± 1%), G(± 2%), H(± 3%), J(± 5%)

Where z is blank or cable length (151, 301, 401, ...)

All ratings are based on a declared ambient temperature of 25°C.

(*) Specific customer specific part numbers derived from NTCALUG01x103yz (different lead length, ...)



William R. Carney, Director, North American Certification Programs
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

