Final Test
Test description (100% test)

Inductive Proximity Switches

No.	Test type	Unit	Description
1	DistUmin	[mm]	Operating distance @Umin
2	HystUmin	[%]	Hysteresis à @Umin
3	DistUnom	[mm]	Operating distance @Unom
4	HystUnom	[%]	Hysteresis @Unom
5	DistUmax	[mm]	Operating distance @Umax
6	HystUmax	[%]	Hysteresis @Umax
7	CommutUmaxIchmax	[Y/N]	Clean switching @Umax with max. load current
8	CommutUmaxIchmin	[Y/N]	Clean switching @Umax with min. load current
9	CommutCapUmaxIchmax	[Y/N]	Clean switching @Umax with max. load current and max. C
10	CommutUminIchmax	[Y/N]	Clean switching @Umin with max. load current
11	CommutUminIchmin	[Y/N]	Clean switching @Umin with min. load current
12	CommutCapUminIchmax	[Y/N]	Clean switching @Umin with max. load current and max. C
13	IconsOn	[mA]	Current drain, output ON
14	IconsOff	[mA]	Current drain, output OFF
15	IccEnclUmin	[mA]	Short circuit current threshold @Umin
16	IccFrancUmin	[mA]	Average short circuit current @Umin
17	IccFrancUminSat	[mA]	Average short circuit current @Umin with S=0
18	IccPeakUmin	[mA]	Short circuit current peaks @Umin
19	CCTPulseUmin	[mA]	Short circuit current pulse length @Umin
20	CCFreqUmin	[Hz]	Frequency of short circuit pulses @Umin
21	IccEnclUmax	[mA]	Short circuit current threshold @Umax
22	IccFrancUmax	[mA]	Average short circuit current @Umax
23	IccFrancUmaxSat	[mA]	Average short circuit current @Umax with S=0
24	IccPeakUmax	[mA]	Short circuit current peaks @Umax
25	CCTPulseUmax	[ms]	Short circuit current pulse length @Umax
26	CCFreqUmax	[Hz]	Frequency of short circuit pulses @Umax
27	UsatUmaxIchmax	[V]	Output saturation voltage @Umax with max. load current
28	UsatUminIchmax	[V]	Output saturation voltage @Umin with max. load current
29	IfuiteUmax	[mA]	Output leakage current @ Umax
30	UbDeclenchement	[V]	Supply voltage disable threshold voltage
31	UbEnclenchement	[V]	Supply voltage enable threshold voltage
32	RetDispUmin	[ms]	On-delay
33	SignErrOnUmin	[ms]	Power-up error signal @Umin / output ON
34	SignErrOffUmin	[ms]	Power-up error signal @Umin / output OFF
35	IinvBlBr	[mA]	Voltage reversal currant / blue - brown wires
36	IinvBlNr	[mA]	Voltage reversal current / blue - black wires
37	IinvNrBr	[mA]	Voltage reversal current / black - brown wires
38	UzOverOut	[V]	Output protection zener threshold voltage
39	UzOverUb	[V]	Supply lines protection zener threshold voltage
40	UzInvUb	[V]	Voltage reversal output protection zener threshold voltage
41	YellowLed	[Y/N]	Yellow output LED operation
42	TestIsolation	[Y/N]	Isolation test 500 / 1'500 VAC

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