

KT5007



Capacitive touch sensor

KTRDHOK-RANKG/AM/AS/0,3M



Application

Operating principle	dynamic
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Electrical data

Operating voltage [V]	12...30 DC
Current consumption [mA]	30
Protection class	III
Reverse polarity protection	yes
Max. power-on delay time [ms]	500

Outputs

Electrical design	NPN
Output function	normally open
Permanent current rating of switching output DC [mA]	200
Short-circuit protection	yes
Overload protection	yes
Length of output signal [ms]	300

Response times

Response time [ms]	35
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Operating conditions

Ambient temperature [°C]	-40...85
Protection	IP 67; IP 69K; (on the front)

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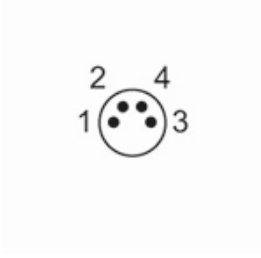
KTRDHOK-RANKG/AM/AS/0,3M

Tests / approvals		
MTTF	[years]	418
Mechanical data		
Weight	[g]	127.8
Dimensions	[mm]	Ø 96.9 / L = 11
Materials	active face: PA Grilamid TR 90UV transparent; housing: polycarbonate-ABS black	
Displays / operating elements		
Display	switching status	8 x LED, red
	operation	8 x LED, green
Electrical connection		
Connection	plug	
Accessories		
Accessories (optional)	surround in different colours	
Remarks		
Pack quantity	1 pcs.	

Electrical connection - plug

Cable: 0.3 m, PUR

Connector: 1 x M8



Connection

