

# ON-OFF CAPACITIVE

## CLS7 Rope level switch for granulates

ON/OFF capacitive level control  
Suitable for bulk solid and granulates  
Top side metallic tank-installation

### Version

<b>A</b>	Without electronic preamplifier (only capacitive electrode with B, F or L housing)
<b>B</b>	Compact
<b>E</b>	Compact, Zone 20/21 ATEX certificated (TL41R insert only); to be used with "G" housing
<b>H</b>	Separate, 1,5m coaxcable max. 70°C (cod 525A001H). Electrode with DIN B aluminum housing - IP66
<b>L</b>	Separate, 1,5m coaxcable max. 70°C (cod 525A001H). Electrode with DIN A aluminum housing - IP66
<b>Z</b>	Special

### Electronic preamplifier

<b>00</b>	None
<b>33</b>	TL31R ON-OFF local sensibility calibration supply 24Vdc, Relay output SPDT
<b>34</b>	TL31R ON-OFF local sensibility calibration supply 24Vac, Relay output SPDT
<b>35</b>	TL31R ON-OFF local sensibility calibration supply 115Vac, Relay output SPDT
<b>36</b>	TL31R ON-OFF local sensibility calibration supply 230Vac, Relay output SPDT
<b>41</b>	TL41R ON-OFF, supply 24Vdc/Vac - 115 Vac 50Hz, Relay output SPDT
<b>43</b>	TL41R ON-OFF, supply 85+250Vac 50Hz, Relay output SPDT
<b>73</b>	ON-OFF TC7.3R local calibration, 24Vdc, 3 relays out for 3 adjustable set-points
<b>99</b>	Special

### Housing for electronic preamplifier

<b>B</b>	IP66 loaded PC, white polycarbonate cap
<b>F</b>	PC with transparent cap and anticondensation filter, IP67; only with TL41R insert
<b>G</b>	IP66 aluminum varnished (necessary for ATEX version)
<b>L</b>	PC with blind cap and anticondensation filter, IP67; only with TL41R insert
<b>Z</b>	Special

### Process connection

<b>11</b>	G1"½ / Carbon-steel
<b>42</b>	Flange DN40 PN16, Carbon-steel
<b>50</b>	Flange DN40 PN16, SS304
<b>51</b>	Flange DN40 PN16, SS316
<b>52</b>	Flange DN50 PN16 DIN2527 form B (without gasket), SS316
<b>53</b>	Flange DN80 PN16 DIN2527 form B (without gasket), SS316
<b>54</b>	Flange DN100 PN16 DIN2527 form B (without gasket), SS316
<b>60</b>	Flange ANSI RF 2" 150psi, SS316
<b>61</b>	Flange ANSI RF 3" 150psi, SS316
<b>62</b>	Flange ANSI RF 4" 150 psi, SS316
<b>99</b>	Special

### Electrode type and insulation

<b>L</b>	Ø8mm carbon steel, counterweight in carbon steel
<b>M</b>	Ø8mm carbon steel, counterweight in SS316
<b>N</b>	Ø8mm carbon steel PE coated, counterweight in carbon steel
<b>P</b>	Ø8mm carbon steel PE coated, counterweight in SS316
<b>Z</b>	Special

# ON-OFF CAPACITIVE

L= Electrode length, price each meter

73	Ø8mm carbon steel
74	Ø8mm carbon steel PE coated
99	Special

L1 = non sensitive part (rod), material and price each 10cm

A	Standard (50mm)
B	Carbon-steel
C	SS316
Z	Special

