

## Overview / Specification / Applications

- Level limit detection in bulk goods/ solids
- Compact unit
- Wide range of applications, no maintenance
- Full-, demand-, empty detector
- Flexible extensions (kits)
- ATEX/ UKEX/ IEC-Ex/ INMETRO/ TR-CU/ CCC approvals (Dust Ex)
- 2011/65/EU RoHS conform



Approvals	CE/ UKCA	
	ATEX/ UKEX/ IEC-Ex/ INMETRO/ CCC	Zone 20/21 (Dust Ignition Proof)
	TR-CU	Ordinary Locations Dust Ignition Proof

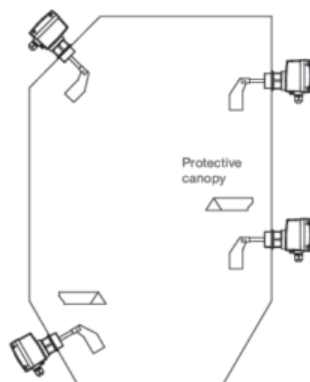
Technical data	Ambient temperature	-20 .. +60°C (-4 .. +140°F) -40 .. +60°C (-40 .. +140°F) with *heating *for certificate CE/ UKCA
	Process temperature	-20 .. +80°C (-4 .. +176°F) -40 .. +80°C (-40 .. +176°F) with *heating *for certificate CE/ UKCA
	Process pressure	-0.9 .. +0.8 bar (-13.1 .. 11.6 psi)
	Type of protection	IP66
	Material housing	Plastics PA6
	Material process connection	Aluminum or plastics PA6
	Material of measuring vane/ shaft/ extensions	1.4301 (SS304/ 1.4305 (SS303)

Electronics		Signal output				
		SPDT <sup>(1)</sup>	PNP	FSH/ FSL <sup>(2)</sup>	Adjust. delay	Fail safe alarm
Supply						
AC version	24 V or 48 V or 115 V or 230 V AC	•	-	-	-	-
DC version	24 V DC	•	-	-	-	-
DC version	24 V DC PNP	-	•	•	•	-
Universal voltage	24 V DC/ 22 .. 230 V AC	•	-	•	•	option

<sup>(1)</sup> Micro switch, Relais for universal voltage

<sup>(2)</sup> Switchable signal output (Fail safe high/ low)

## Applications



Pendulum shaft (only full detector)      Rope extension (only full detector)

