



**084H4521** 

**Liquid level sensor, AKS 4100 U, Cable version**

Design: Cable version, Parts included: HMI with EN,DE,FR,ES Language,  
 Connection size [in]: 3/4, Connection type: NPT, Insertion length [mm]: 5000,  
 Supply voltage [V] DC: 14 - 30

**PRODUCT DETAILS**

<b>Gross weight</b>	3.62 Kilogram
<b>Net weight</b>	2.3 Kilogram
<b>Volume</b>	13.987 Liter
<b>EAN</b>	5702428415002
<b>Type</b>	AKS 4100 U
<b>Product group</b>	Sensors
<b>Product Name Description</b>	Liquid level sensor
<b>Ambient temperature range [°C] [max]</b>	60 °C
<b>Ambient temperature range [°C] [min]</b>	-20 °C
<b>Ambient temperature range [°F] [max]</b>	140 °F
<b>Ambient temperature range [°F] [min]</b>	-4 °F
<b>Approval</b>	CE LLC CDC TYSK
<b>CE mark</b>	Yes
<b>China RoHS compliance</b>	Yes with exemptions
<b>China RoHS exemption clause</b>	7.1 7.2
<b>Connection size [in]</b>	3/4
<b>Connection type</b>	NPT
<b>Contains batteries</b>	No
<b>Design</b>	Cable version
<b>Enclosure rating IP</b>	IP67
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	6(a) 6(b)
<b>Insertion length [in]</b>	197 in
<b>Insertion length [mm]</b>	5000 mm
<b>Load resistance max. [Ohm]</b>	500 Ohm
<b>Max. Working Pressure [bar]</b>	100 bar
<b>Max. Working Pressure [psig]</b>	1450 psig
<b>Output signal [mA] [max]</b>	20 mA
<b>Output signal [mA] [min]</b>	4 mA
<b>Packing format</b>	Single pack
<b>Parts included</b>	HMI with EN,DE,FR,ES Language
<b>Power consumption [W]</b>	0.7 W

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**PRODUCT DETAILS**

<b>Product accessories</b>	Liq. level switch accessories
<b>Product description</b>	Liquid Level Sensor
<b>Quantity per packing format</b>	1 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1) Diboron trioxide (B2O3, CAS no. 1303-86-2) Lead titanium zirconium oxide (CAS no. 12626-81-2)
<b>Refrigerants</b>	R134a, R22, R401A, R402A, R404A, R407A, R407B, R407C, R407F, R409A, R410A, R421A, R502, R717, R507A
<b>SCIP dossier no.</b>	c3da0d4e-d473-4a23-8cd7-b50446d6c214
<b>SCIP dossier product name</b>	AKS 4000
<b>Serviceable</b>	Liq. level switch spare parts
<b>Supply voltage [V] DC [max]</b>	30 V
<b>Supply voltage [V] DC [min]</b>	14 V
<b>Temperature range [°C] [max]</b>	100 °C
<b>Temperature range [°C] [min]</b>	-60 °C
<b>Temperature range [°F] [max]</b>	212 °F
<b>Temperature range [°F] [min]</b>	-76 °F

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

**Accessories**



**084H4540** [🔗](#)

**Control panel, AKS4100/4100U**

Type designation: HMI Service/Display unit

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