

PRODUCT-DETAILS

# CM-ENS.11S

## CM-ENS.11S Liquid level monitoring relay 1c/o, sensitivity 5-100kOhm



### Informations générales

Extension du type de produit	CM-ENS.11S
Code de produit	1SVR730850R0100
EAN	4013614502934
Description courte	CM-ENS.11S Liquid level monitoring relay 1c/o, sensitivity 5-100kOhm
Description longue	The CM-ENS.11S belongs to the CM liquid level monitoring relay range. It operates with a rated control supply voltage of 24 - 240 V AC/DC and has a 1 c/o (SPDT) output with contacts rated at 250 V / 4 A. It monitors liquid levels of conductive fluids and protects pumps against dry running or tanks against overflow and works according to the open-circuit principle. The sensitivity can be selected via front-face potentiometers. Several electrodes and a sealable transparent cover for protection against unauthorized changes are available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

### Commande

EAN	4013614502934
Quantité minimum	1 pièce
Code douanier	85364900

### Downloads Préférés

Fiche produit, informations techniques	2CDC112228D0201
Instructions et manuels	1SVC730680M1001

	1SVC730680M0001
CAD Dimensional Drawing	2CDC001079B0201

## Dimensions

Produit Largeur Net	22.5 mm
Produit Hauteur Net	85.6 mm
Produit Longueur Net	103.7 mm
Poids net	0.124 kg

## Technique

Fonction	Filling or draining monitoring
Number of Electrodes	3
Plage de mesure	5 ... 100 kΩ
Rated Control Supply Voltage ( $U_g$ )	24 ... 240 V AC/DC
Fréquence assignée (f)	Supply Circuit 50/60 Hz
Sortie	1 c/o (SPDT) contact
Type de borne	Screw Terminals
Rated Operational Current AC-12 ( $I_{\theta}$ )	(230 V) 4 A
Courant assignée d'emploi AC-15 ( $I_{\theta}$ )	(230 V) 3 A
Rated Operational Current DC-12 ( $I_{\theta}$ )	(24 V) 4 A
Courant assignée d'emploi DC-13 ( $I_{\theta}$ )	(24 V) 2 A
Minimum Switching Capacity	12 V 10 mA
Tension assignée de tenue aux chocs ( $U_{imp}$ )	Measuring Circuit / Output Circuit 4 kV Output Circuit 1 / Output Circuit 2 4 kV Supply Circuit / Measuring Circuit 4 kV Supply Circuit / Output Circuit 4 kV
Tension assignée d'isolement ( $U_i$ )	Measuring Circuit / Output Circuit 300 V Output Circuit 1 / Output Circuit 2 300 V Supply Circuit / Measuring Circuit 300 V Supply Circuit / Output Circuit 300 V
Indice de protection	Housing IP50 Terminals IP20
Catégorie de Surtension	III
Degré de pollution	3
Dispositif de protection contre les courts-circuits	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Electrical Durability	AC-12 100000 cycle
Durabilité mécanique	1000000 cycle
Connecting Capacity	Flexible with Ferrule 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible with Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible 2x 0.5 ... 1.5 mm <sup>2</sup> Rigid 1x 0.5 ... 4 mm <sup>2</sup> Rigid 2x 0.5 ... 2.5 mm <sup>2</sup>
Couple de serrage	0.6 ... 0.8 N·m Control Circuit 0.9 N·m Main Circuit 1 N·m
Wire Stripping Length	8 mm Main Circuit 10 mm

Recommended Screw Driver	0.8 x 4 4.5 Pozidriv 1
Type d'encastrement	1 ... 5 1 ... 6
Montage sur rail DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Normes et standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508

## Technique UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	B300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG
Tightening Torque UL/CSA	7.08 in-lb
Pilot Duty UL/CSA	B300

## Environnement

Température de l'air ambiant	Operation -25 ... +60 °C Storage -40 ... +85 °C
Altitude de fonctionnement maximale autorisée	Without Derating 2000 m
REACH Declaration	1SVD981001-4501
Informations RoHS	1SVD981005-00
Statut RoHS	Following EU Directive 2011/65/EU

## Valeur Circulaire

Instructions relatives à la fin de vie	1SAC200290H0001
--	-----------------

## Certificats et Déclarations (Numéro de document)

CQC Certificate	CQC2015010303819793
Certificat ecULus	cULus508_20150627-E140448
Declaration of Conformity - CCC	2020980303000198
Déclaration de Conformité - CE	1SVD981005-00
Declaration of Conformity - UKCA	1SVD981005-10
DNV GL Certificate	DNV_GL_TAA00000RW
EAC Certificate	EAC_RU_C-DE.ME77.B.02330

## Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	97 mm
Emballage Niveau 1 Longueur	30 mm
Emballage Niveau 1 Hauteur	109 mm
Emballage Niveau 1 Poids	0.148 kg
Emballage Niveau 1 EAN	4013614502934

## Classifications

Code de classification d'objet	B
ETIM 7	EC001447 - (Fill) level monitoring relay
ETIM 8	EC001447 - (Fill) level monitoring relay
ETIM 9	EC001447 - (Fill) level monitoring relay
eClass	V11.0 : 27371813
UNSPSC	39122331
E-Number (Finland)	2712566

## Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Contrôle et réglage des niveaux de liquide → CM-Enx

