Standex
MEDER
ELECTRONICS

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Item No.:
9534196054
Item:
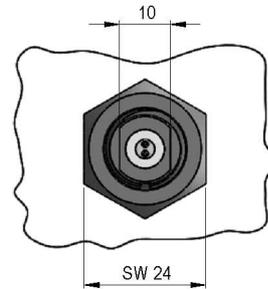**LS03/DK-1A66-PA-500W**
LS03/DK-PA-BV96054

Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m

83 ±1,50
M16x2
55,8 ±0,7
⌀ 16,50
⌀ 21
4
8

500 ±10
5 ±1
30 ±2

A

Cable
round cable LIYY 2x0,14 mm², grey
colour of wires: white and brown
ends tinned
Rundkabel LIYY 2x0,14 mm², grau
Aderfarben: weiss und braun
Enden verzinnt

Stem
PA, black
Schaft PA, schwarz
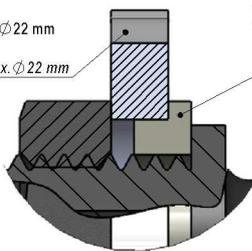
Nut
PA, black
Mutter PA, schwarz

Float
PA, black
Schwimmer PA, schwarz

Wall of reservoir
thickness: min. 4 mm
mounting hole: max. ⌀ 22 mm
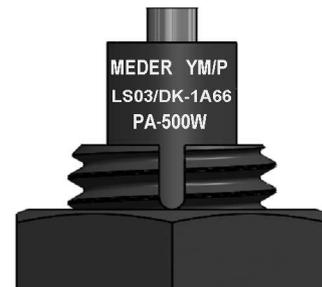*Stärke: min. 4 mm*
Montagebohrung: max. ⌀ 22 mm

Seal
to side wall of reservoir
Viton (FKM), black
Montgedichtung zur Seitenwand
Viton (FKM), schwarz

DETAILA (1.5 : 1)

Mounting options

Float downward
CLOSED
OPENED

Float upward
CLOSED
OPENED

Isometric
Scale 1:2
Maßstab 1:2

10
SW 24

Marking
according to EN60062/factory code
gem. EN60062/Fertigungsstätte

MEDER   YM/P
LS03/DK-1A66
PA-500W
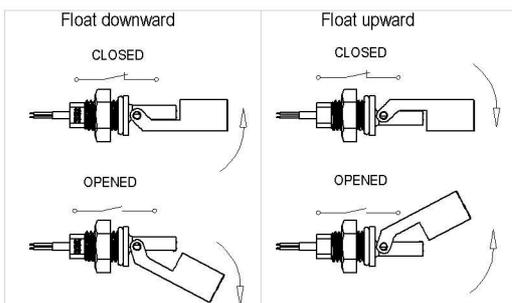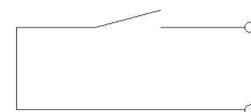
Schematic

Modifications in the sense of technical progress are reserved

| Designed at: | 17.07.09 | Designed by: | WKOVACS | Approval at: | 21.07.09 | Approval by: | DKUECHLER | | |
| Last Change at: | 18.07.16 | Last Change by: | WKOVACS | Approval at: | 18.07.16 | Approval by: | DKUECHLER | **Rev. No.:** | 04 |

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Item:

LS03/DK-1A66-PA-500W

LS03/DK-PA-BV96054

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			180	V
Carry current	DC or Peak AC			1,25	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive Sensor deactivated			290	mOhm
Material of float		Polyamid			
Housing material		Polyamid			
Case colour		black			
Sealing compound		Polyurethan			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature	cable not moved	-30		80	°C
Operating temperature	cable moved	-5		80	°C
Storage temperature		-30		80	°C
Safety class	DIN EN 60529	IP68			

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type		round cable			
Cable material		PVC			
Cross section		0,14 sq-mm			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a resistor is recommended.			
Tightening torque				1	Nm

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Last Change at:	18.07.16	Last Change by:	WKOVACS	Approval at:	18.07.16	Approval by:	DKUECHLER	Rev. No.:	04