

ELECTRICAL POSITION INDICATOR

TYPE 024.90



With the SED type 024.90.xxx electrical position indicator, an open or closed canbe indicated. The electrical position indicator has a full plastic housing and is designed to fit all SED actuated valves. The switching system is based on a micro switch. The electrical connection is through ap-6.9 cable connector to the micro switch.

Features

- In the „open“-postion (100%) the microswitch is activated
- The position of the switch is always visible through the clear cover
- Optional ATEX-marking:  II 2G IIB T6 X

Advantages

- The cable connector is adjustable through 360°
- The housing can be rotated through 360°
- Additional visual indication of the signal from a red cam via the transparent section of the indicator
- The protection class is IP 65



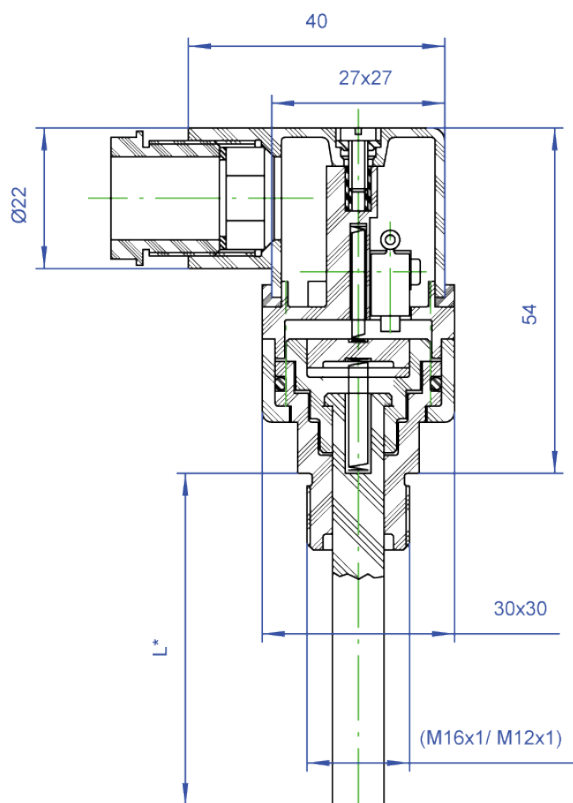
Technical Data

Type of switch	Micro switch
Version	250V~5A/ 24V/ (resistive load), switch class 2
Protection class	IP 65
Atex class	II2G IIB T6X (optional)
	Depending on appilcation only with ATEX compliant isolating amplifier which is made for operation with electromechanical switches and for which are own operating manuals valid
Temperature	-10°C up +55°C
Valve stroke min / max	min= 1mm, max=100mm
Material	Housing cover: Polyamide PA Housing base: Polypropylene, 30% glass fiber PP
Electrical data	Category AC -15
	Switch rating AC rating 250V AC/4 A DC rating 24V DC/4 A Inductive load 0.6 A

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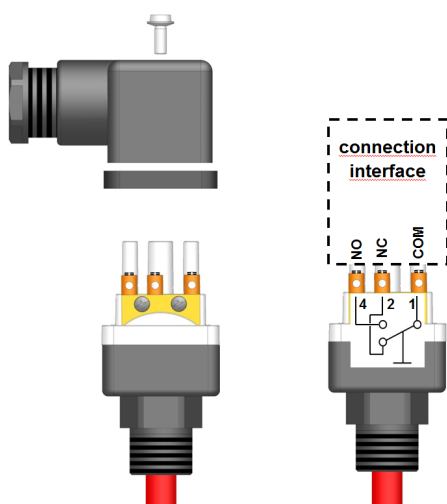


Dimensional drawing

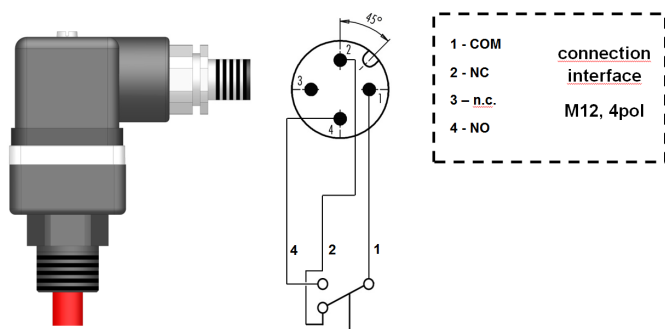


* Dimension L is adjusted to the different valves types!

Connection diagramm 024.90.xxx with PG



Connection diagramm 024.90.xxx S0903 with M12 4pol (not for Atex)



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Article code	Type	L	Size	Actuator size
024.90.001 S	186/188/195	13	10 - 20	
024.90.002 S	385 485 495	48	15 - 25 15 - 32R 15 - 40R	
024.90.003 S	385 485 495	61	32 - 40 40 32 - 50R	
024.90.004 S	385 485 495	80	50 50 - 65R 50	
024.90.005 S	385 485 495	55	65 - 80 80 - 100 65 - 100	
024.90.006 S	584	18	15 - 50	70
024.90.009 S	585 687	69	20 - 80 20 - 50	120 120
024.90.017 S	885/985 *		15 - 32R	
024.90.018 S	885/985 *		40	
024.90.019 S	885/985 *		50 - 65R	
024.90.020 S	885/985 *		80	
024.90.021 S	885/985 *		100	
024.90.026 S	307	18	10 - 20	45
024.90.027 S	407	35	50	100
024.90.028 S	407	22	15 - 40R 32 - 50R 65 - 100	70 100 170
024.90.034 S	395 402 482	18	15 - 40R 15 - 25 15 - 32R	
024.90.035 S	395 402 482	22	32 - 50R 32 - 40 40 - 40	
024.90.036 S	395 402 482	28	50 50 50 - 65R	
024.90.037 S	207	18	4 - 15	30
024.90.039 S	190	14	4 - 15	
024.90.041 S	207	15	4 - 15	25
024.90.042 S	382	28	15 - 20	
024.90.100 S	All valve types **	96	M16x1	
024.90.200 S	All valve types **	95	M12x1	

* assembly only factory provided

** adaptable by cutting

For Atex version put an „A“ in front of the article-code.



TD16 0214 Rev. a, Subject to alteration