



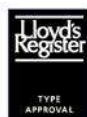
DATA SHEET	61815100
SILVYN® RILL PA 12	valid from : 07.05.2009

The special polyamide conduit SILVYN® RILL PA 12 with parallel grooves is suitable for various uses due to its characteristics. Is qualified for protective insulation for electrical installation in acc.to instruction for use **DIN-EN 60204** at engineering and plant construction, especially for frequent reversed bending, e. g. for robots.



- Material:** polyamide 12
- Characteristics:** air tight
impervious to fluids
oil resistant up to + 80° C
silicon-, cadmium-, halogenfree
self-extinguishing (class: V0 in accord. to UL 94)
colour black UV - resistant
- Electrical characteristics:** dielectric strength 400 kV/cm
dielectric constant at 50 Hz=3,8
at 106 Hz=3,4
- Resistance:** oil
petrol
acids and solvents widely
ozone
- Temperature range:** from - 40° up to + 115°C
- Colour:** grey
black to deliver on request

Approvals:
Protective conduit



Norm references:



Technical data:

Conduit	Diameter mm		min. bending radius mm	
	inner	outer	static	dynamic
SILVYN® RILL PA 12 7	6,5	10	13	35
SILVYN® RILL PA 12 9	10	13	15	45
SILVYN® RILL PA 12 11	12	15,8	22	55
SILVYN® RILL PA 12 13,5	14,3	18,2	27	65
SILVYN® RILL PA 12 16	16,5	21,2	35	75
SILVYN® RILL PA 12 21	23	28,5	45	100
SILVYN® RILL PA 12 29	29	34,5	50	120
SILVYN® RILL PA 12 36	36	42,5	80	150
SILVYN® RILL PA 12 48	48	54,5	100	190

elaborated by: TE-VZ: M: Steinberg	Document: DB61815100_2_EN	page 1 of 4
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Compatible glands / accessories:

SILVYN® KCLICK-GM; KCLICK-WM; KCLICK-GPZ-M; KSE; KCLICK-GP; KCLICK-GPZ; KCLICK-WP;
KCLICK-Y; KCLICK-Y (TPE); KCLICK-S; KCLICK-D; KCLICK-V; KCLICK-RH; K-EM

Protection class:


SILVYN® RILL PA 12 mit KCLICK-GM; KCLICK-GPZ-M; KSE; KCLICK-GP; KCLICK-GPZ; KCLICK Y IP 68, IP 69K
In acc. to DIN 40050 T.9
SILVYN® RILL PA12 mit KCLICK-WF; KCLICK WM; KCLICK WP IP 68
SILVYN® RILL PA 12 mit KCLICK Y (TPE) IP 66

Conduit				
		Conduit gland straight	Conduit gland 90° angle	One piece- Conduit gland
SILVYN® RILL PA 12	7	KCLICK-GM 10x1,0	KCLICK-WM 10x1,0	KCLICK-GPZ-M 12x1,5
SILVYN® RILL PA 12	9	KCLICK-GM 12x1,5	KCLICK-WM 12x1,5	KCLICK-GPZ-M 16x1,5
SILVYN® RILL PA 12	9	KCLICK-GM 16x1,5/1	KCLICK-WM 16x1,5/1	
SILVYN® RILL PA 12	11	KCLICK-GM 16x1,5/2	KCLICK-WM 16x1,5/2	KCLICK-GPZ-M 20x1,5
SILVYN® RILL PA 12	11	KCLICK-GM 20x1,5/1	KCLICK-WM 20x1,5/1	
SILVYN® RILL PA 12	13,5			
SILVYN® RILL PA 12	16	KCLICK-GM 20x1,5/2	KCLICK-WM 20x1,5/2	KCLICK-GPZ-M 25x1,5
SILVYN® RILL PA 12	16		KCLICK-WM 25x1,5 /1	
SILVYN® RILL PA 12	21	KCLICK-GM 25x1,5	KCLICK-WM 25x1,5 /2	KCLICK-GPZ-M 32x1,5
SILVYN® RILL PA 12	21		KCLICK-WM 32x1,5/1	
SILVYN® RILL PA 12	29	KCLICK-GM 32x1,5	KCLICK-WM 32x1,5/2	KCLICK-GPZ-M 40x1,5
SILVYN® RILL PA 12	29		KCLICK-WM 40x1,5/1	
SILVYN® RILL PA 12	36	KCLICK-GM 40x1,5	KCLICK-WM 40x1,5/2	KCLICK-GPZ-M 50x1,5
SILVYN® RILL PA 12	36		KCLICK-WM 50x1,5/1	
SILVYN® RILL PA 12	48	KCLICK-GM 50x1,5	KCLICK-WM 50x1,5/2	KCLICK-GPZ-M 63x1,5
SILVYN® RILL PA 12	48		KCLICK-WM 63x1,5	

Conduit				
		Conduit gland with triple gain	Conduit gland straight	One piece Conduit gland
SILVYN® RILL PA 12	7		KCLICK-GP 7	KCLICK-GPZ 7
SILVYN® RILL PA 12	9	KSE 9	KCLICK-GP 9	KCLICK-GPZ 9
SILVYN® RILL PA 12	11	KSE 11	KCLICK-GP 11	KCLICK-GPZ 11 / 13,5
SILVYN® RILL PA 12	13,5		KCLICK-GP 13,5	KCLICK-GPZ 13,5
SILVYN® RILL PA 12	16	KSE 16	KCLICK-GP 16	KCLICK-GPZ 16
SILVYN® RILL PA 12	21	KSE 21	KCLICK-GP 21	KCLICK-GPZ 21
SILVYN® RILL PA 12	29	KSE 29	KCLICK-GP 29	KCLICK-GPZ 29
SILVYN® RILL PA 12	36	KSE 36	KCLICK-GP 36	KCLICK-GPZ 36
SILVYN® RILL PA 12	48		KCLICK-GP 48	KCLICK-GPZ 48


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Conduit			
	Conduit gland 90°angle	Conduit distributor	Conduit distributor
SILVYN® RILL PA 12 7		KLICK-Y 2x7/1x9	KLICK-Y (TPE) 3x7
SILVYN® RILL PA 12 9	KLICK-WP 9	KLICK-Y 2x7/1x9	
SILVYN® RILL PA 12 9		KLICK-Y 3x9	
SILVYN® RILL PA 12 9		KLICK-Y 2x9/1x11	
SILVYN® RILL PA 12 11	KLICK-WP 11	KLICK-Y 2x9/1x11	KLICK-Y (TPE) 2x11/1x16
SILVYN® RILL PA 12 11		KLICK-Y 3x11	
SILVYN® RILL PA 12 13,5	KLICK-WP 13,5		
SILVYN® RILL PA 12 16	KLICK-WP 16		KLICK-Y (TPE) 2x11/1x16
SILVYN® RILL PA 12 16			KLICK-Y (TPE) 2x16/1x21
SILVYN® RILL PA 12 21	KLICK-WP 21		KLICK-Y (TPE) 2x11/1x16
SILVYN® RILL PA 12 21			KLICK-Y (TPE) 2x21/1x29
SILVYN® RILL PA 12 29	KLICK-WP 29		KLICK-Y (TPE) 2x21/1x29
SILVYN® RILL PA 12 36			
SILVYN® RILL PA 12 48			

Conduit			
	Conduit -holder	Cover for KLIICK S	One part Conduit holder
SILVYN® RILL PA 12 7	KLICK-S 7		KLICK-RH 7
SILVYN® RILL PA 12 9	KLICK-S 9		KLICK-RH 9
SILVYN® RILL PA 12 11	KLICK-S 11	KLICK-D 11	KLICK-RH 11
SILVYN® RILL PA 12 13,5	KLICK-S 13,5	KLICK-D 13,5	KLICK-RH 13,5
SILVYN® RILL PA 12 16	KLICK-S 16	KLICK-D 16	KLICK-RH 16
SILVYN® RILL PA 12 21	KLICK-S 21	KLICK-D 21	KLICK-RH 21
SILVYN® RILL PA 12 29	KLICK-S 29	KLICK-D 29	KLICK-RH 29
SILVYN® RILL PA 12 36	KLICK-S 36	KLICK-D 36	KLICK-RH 36
SILVYN® RILL PA 12 48	KLICK-S 48	KLICK-D 48	KLICK-RH 48



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Conduit		 One part plastic end cup	 Connection flange	 Angle flange
SILVYN® RILL PA 12 7	K-EM 7			KLICK WF 42,5/38 54,5/50
SILVYN® RILL PA 12 9	K-EM 9			
SILVYN® RILL PA 12 11	K-EM 11			
SILVYN® RILL PA 12 13,5				
SILVYN® RILL PA 12 16	K-EM 16		KLICK KF-M 25x1,5	
SILVYN® RILL PA 12 21	K-EM 21		KLICK KF-M 32x1,5	
SILVYN® RILL PA 12 29	K-EM 29		KLICK KF-M 40x1,5	
SILVYN® RILL PA 12 36	K-EM 36		KLICK KF-M 50x1,5	
SILVYN® RILL PA 12 48	K-EM 48		KLICK KF-M 63x1,5	

KLICK V der Verbindungssteg für KLICK-S

