

PERFECT Ex-cable gland

50.6xx PAzz/EX

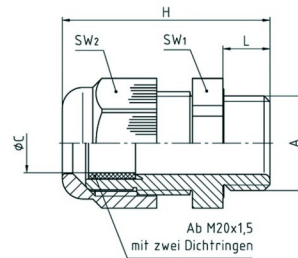
Configuration

Dome nut	Polyamide PA6
Dust cap	Polyethylene PE-LD
Sealing ring / outer part	Polychloroprene-Nitrile rubber CR/NBR
Sealing ring / inner part	Evoprene TPE (from M20x1,5)
Gland body	Polyamide PA6
Connecting thread	metric, as per EN 60423



Properties

	- wide sealing and clamping range - integrated anchorage - easy-to-install
Equipment group	II
Category / Zone	2G, 2D and 3G/ 1, 2, 21, 22
Type of protection	Ex e, increased safety Ex tD A21 - Protection by enclosures
Cable installation	fixed
Temperature range	-20°C / +70 (M12 und M16)°C Further information on page 23 -30°C / +70 (M20 bis M63)°C
Protection grade	IP66
Test standard	EN 60079-0 / EN 60079-7 EN 61241-0 / EN 61241-1
EC-Type certificate	PTB 99 ATEX 3101 X (M12 und M16) PTB 99 ATEX 3128 X (M20 bis M63)
IECEx certificate	IECEx PTB 05.0004x



Features



RAL 9005

Connecting thread standard length

A	ØC	L	SW1	SW2	H		Part No.
	mm	mm	mm	mm	mm	Piece	
M12x1,5	4 - 7	8	15	15	31	100	50.612 PASW/EX
M16x1,5	5,5 - 10	8	20	20	35,5	100	50.616 PASW/EX
M20x1,5	5,5 - 13	8	24	24	37	100	50.620 PASW/EX
M25x1,5	8 - 17	8	29	29	43	50	50.625 PASW/EX

A	ØC	L	SW1	SW2	H		Part No.
	mm	mm	mm	mm	mm	Piece	
M32x1,5	12 - 21	10	36	36	50	25	50.632 PASW/EX
M40x1,5	17 - 28	10	46	46	51	10	50.640 PASW/EX
M50x1,5	22 - 35	12	55	55	61,5	5	50.650 PASW/EX
M63x1,5	27 - 48	12	68	68	65,5	5	50.663 PASW/EX

Connecting thread long

A	ØC	L	SW1	SW2	H		Part No.
	mm	mm	mm	mm	mm	Piece	
M12x1,5	4 - 7	12	15	15	35	100	50.612 PASWL/EX
M16x1,5	5,5 - 10	12	20	20	39,5	100	50.616 PASWL/EX
M20x1,5	5,5 - 13	13	24	24	42	100	50.620 PASWL/EX
M25x1,5	8 - 17	13	29	29	48	50	50.625 PASWL/EX
M32x1,5	12 - 21	15	36	36	55	25	50.632 PASWL/EX
M40x1,5	17 - 28	15	46	46	56	10	50.640 PASWL/EX
M50x1,5	22 - 35	16	55	55	65,5	5	50.650 PASWL/EX
M63x1,5	27 - 48	16	68	68	69,5	5	50.663 PASWL/EX



RAL 5015

Connecting thread standard length

A	ØC	L	SW1	SW2	H		Part No.
	mm	mm	mm	mm	mm	Piece	
M12x1,5	4 - 7	8	15	15	31	100	50.612 PABL/EX
M16x1,5	5,5 - 10	8	20	20	35,5	100	50.616 PABL/EX
M20x1,5	5,5 - 13	8	24	24	37	100	50.620 PABL/EX
M25x1,5	8 - 17	8	29	29	43	50	50.625 PABL/EX
M32x1,5	12 - 21	10	36	36	50	25	50.632 PABL/EX
M40x1,5	17 - 28	10	46	46	51	10	50.640 PABL/EX
M50x1,5	22 - 35	12	55	55	61,5	5	50.650 PABL/EX
M63x1,5	27 - 48	12	68	68	65,5	5	50.663 PABL/EX

Connecting thread long



A	ØC	L	SW1	SW2	H		Part No.
	mm	mm	mm	mm	mm	Piece	
M12x1,5	4 - 7	12	15	15	35	100	50.612 PABL/L/EX
M16x1,5	5,5 - 10	12	20	20	39,5	100	50.616 PABL/L/EX
M20x1,5	5,5 - 13	13	24	24	42	100	50.620 PABL/L/EX
M25x1,5	8 - 17	13	29	29	48	50	50.625 PABL/L/EX
M32x1,5	12 - 21	15	36	36	55	25	50.632 PABL/L/EX
M40x1,5	17 - 28	15	46	46	56	10	50.640 PABL/L/EX
M50x1,5	22 - 35	16	55	55	65,5	5	50.650 PABL/L/EX
M63x1,5	27 - 48	16	68	68	69,5	5	50.663 PABL/L/EX

Blue dome nut = specific marking for type of protection Ex i - intrinsic safety