

Machine Building - Robotic

PIS

highly flexible, medium



These PMA Smart Line conduits (mod. PA12) are specially applicable in the robotic and automation industries. LLPI shows excellent fatigue strength in dynamic applications

- Material: Specially modified polyamide
 - Free from halogens
 - Excellent flexibility
 - Very good weathering resistance and cold temperature performance
- Temperature range:** -40°C to +90°C;
Short-term: to +140°C

Order No. Black	Conduit size		Inside Diameter	Outside Diameter	stat.**/dyn. *** Radius	PU Meter
	NW	Metric				
PIST - 07B	7	10	6.2 mm	10.0 mm	15/40 mm	50
PIST - 10B	10	12	9.6 mm	13.0 mm	20/50 mm	50
PIST - 12B	12	16	11.9 mm	15.8 mm	25/65 mm	50
PIST - 17B	17	20	16.4 mm	21.1 mm	30/65 mm	30
PISG - 23B	23	25	22.6 mm	28.4 mm	35/90 mm	30
PISG - 29B	29	32	29.0 mm	34.3 mm	45/110 mm	30
PISG - 36B	36	40	36.5 mm	42.5 mm	60/165 mm	10
PISG - 48B	48	50	47.5 mm	54.5 mm	70/180 mm	10
PIHG - 56B	56	Available in Jumbo sizes				
PIHG - 70B	70					
PIHG - 95B	95					
PIHG - 125B	125					

BVND



- High grade formulated polyamide
 - Self extinguishing, free of halogen, phosphor and cadmium
 - Excellent impact strength
- Temperature range:** -40°C to +105°C
Short term: to +160°C
Chemical Resistance: To fuels, mineral oils, fats, alkalies weak acids and bases etc.
IP66: Fitting with pre-assembled universal safety clip (AFN2)
IP68: Fitting with oval clip (OVN2), conduit and thread seals (NVN3, SVN4)

These PMA connectors are used in a wide range of applications together with PMAFLEX conduits and offer the highest grade of safety and sealing.

Order No. IP66 Black	Order No. IP68 GT	Thread Metric	Fits to Conduit size		Thread Length	Overall Length
			NW	Metric		
BVND - M12MGT	BVNV - M12M	M12 x 1.5	7	10	11.0 mm	34.5 mm
BVND - M120GT	BVNV - M120	M12 x 1.5	10	12	11.0 mm	36.5 mm
BVND - M160GT	BVNV - M160	M16 x 1.5	10	12	11.0 mm	36.5 mm
BVND - M162GT	BVNV - M162	M16 x 1.5	12	16	11.0 mm	39.5 mm
BVND - M200GT	BVNV - M200	M20 x 1.5	10	12	11.0 mm	36.5 mm
BVND - M202GT	BVNV - M202	M20 x 1.5	12	16	11.0 mm	39.5 mm
BVND - M207GT	BVNV - M207	M20 x 1.5	17	20	11.0 mm	47.5 mm
BVND - M203GT	BVNV - M203	M20 x 1.5	23	25	11.0 mm	51.0 mm
BVND - M257GT	BVNV - M257	M25 x 1.5	17	20	12.0 mm	48.5 mm
BVND - M253GT	BVNV - M253	M25 x 1.5	23	25	12.0 mm	52.0 mm
BVND - M323GT	BVNV - M323	M32 x 1.5	23	25	15.0 mm	55.5 mm
BVND - M329GT	BVNV - M329	M32 x 1.5	29	32	15.0 mm	56.0 mm
BVND - M409GT	BVNV - M409	M40 x 1.5	29	32	19.0 mm	60.0 mm
BVND - M406GT	BVNV - M406	M40 x 1.5	36	40	19.0 mm	72.5 mm
BVND - M506GT	BVNV - M506	M50 x 1.5	36	40	19.0 mm	72.0 mm
BVND - M508GT	BVNV - M508	M50 x 1.5	48	50	19.0 mm	72.5 mm
BVND - M638GT	BVNV - M638	M63 x 1.5	48	50	19.0 mm	72.0 mm

Also available in IP68-GT Push-in
Example BVNV-M207GT

GT
