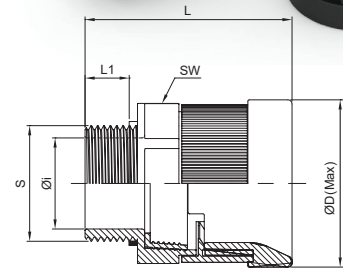


# PNCL

## Straight Fittings



(Unit : mm)

### Specifications

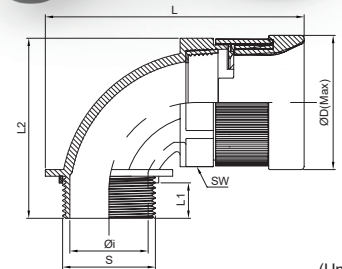


Material	High Quality Polyamide 6	Degrees of Protection	IP 68 (EN 60529)
The max. Instantaneous Temperature	-40 °C to +105°C	Short Term	up to +150° C
Self-Extinguishing	UL94-HB / Free of Halogen Phosphorous and cadmium	Color	Black & Gray
Application	Machine tool, Shipbuilding, Tramway, Industrial / Automatic Machinery, Printing Machine etc. Joint box with connector, Connector for jointing into Limit-Switch.		

	Ordering No.		Thread	Tube Size	S	L 1	L	Øi	ØD	SW
	Black	Gray								
PF Thread (JIS B0202)	PNCL-G10B	PNCL-G10G	G1/2"	10	20.5	8.0	43.5	12.0	25.0	19.7
	PNCL-G12B	PNCL-G12G	G1/2"	12	20.5	8.0	43.1	15.0	27.6	22.8
	PNCL-G16B	PNCL-G16G	G1/2"	16	20.5	8.0	45.0	15.2	33.0	28.0
Metric Thread / Straight (EN 60423)	PNCL-M10B	PNCL-M10G	M12 X 1.5	10	11.8	8.0	43.5	7.5	25.0	19.7
	PNCL-M120B	PNCL-M120G	M16 X 1.5	10	15.8	8.0	43.5	10.0	25.0	19.7
	PNCL-M20B	PNCL-M20G	M20 X 1.5	10	19.8	8.0	43.5	12.0	25.0	19.7
	PNCL-M102B	PNCL-M102G	M12 X 1.5	12	11.8	8.0	43.1	8.0	27.6	22.8
	PNCL-M12B	PNCL-M12G	M16 X 1.5	12	15.8	8.0	43.1	12.0	27.6	22.8
	PNCL-M202B	PNCL-M202G	M20 X 1.5	12	19.8	8.0	43.1	15.2	27.6	22.8
	PNCL-M126B	PNCL-M126G	M16 X 1.5	16	15.8	8.0	45.0	12.0	33.0	28.0
	PNCL-M16B	PNCL-M16G	M20 X 1.5	16	19.8	8.0	45.0	15.2	33.0	28.0
	PNCL-M226B	PNCL-M226G	M25 X 1.5	16	24.7	8.0	45.0	17.5	33.0	28.0
Pg Thread / Straight (DIN 40430)	PNCL-P09B	PNCL-P09G	Pg09	10	14.9	8.0	43.5	10.0	25.0	19.7
	PNCL-P160B	PNCL-P160G	Pg16	10	22.3	8.0	43.5	12.0	25.0	19.7
	PNCL-P0912B	PNCL-P0912G	Pg09	12	14.9	8.0	43.1	12.0	27.6	22.8
	PNCL-P11B	PNCL-P11G	Pg11	12	18.4	8.0	43.1	14.0	27.6	22.8
	PTNCL-P136B	PNCL-P136G	Pg13.5	16	20.2	8.0	45.0	15.2	33.0	28.0
	PNCL-P16B	PNCL-P16G	Pg16	16	22.3	8.0	45.0	15.2	33.0	28.0

# PWCL

## Elbow 90° Connector



(Unit : mm)

### Specifications



Material	High Quality Polyamide 6	Degrees of Protection	IP 68 (EN 60529)
The max. Instantaneous Temperature	-40 °C to +105°C	Short Term	up to +150° C
Self-Extinguishing	UL94-HB / Free of Halogen Phosphorous and cadmium	Color	Black & Gray
Application	Machine tool, Shipbuilding, Tramway, Industrial / Automatic Machinery, Printing Machine etc. Joint box with connector, Connector for jointing into Limit-Switch.		

	Ordering No.		Thread	Tube Size	S	L 1	L2	L	Øi	ØD	SW
	Black	Gray									
PF Thread (JIS B0202)	PWCL-G10B	PWCL-G10G	G1/2"	10	20.5	8.0	50.3	66.2	15.0	25.0	19.7
	PWCL-G12B	PWCL-G12G	G1/2"	12	20.5	8.0	50.5	64.9	15.0	27.6	22.8
	PWCL-G16B	PWCL-G16G	G1/2"	16	20.5	8.0	55.3	71.6	15.3	33.0	28.0
Metric Thread / 90°Elbow (EN 60423)	PWCL-M10B	PWCL-M10G	M12 X 1.5	10	11.8	8.0	50.2	66.4	8.0	24.9	19.7
	PWCL-M12B	PWCL-M12G	M16 X 1.5	12	15.8	8.0	50.2	64.9	12.0	27.6	22.8
	PWCL-M202B	PWCL-M202G	M20 X 1.5	12	19.8	8.0	50.2	64.7	12.0	27.6	22.8
	PWCL-M16B	PWCL-M16G	M20 X 1.5	16	19.8	8.0	55.5	71.6	15.2	33.0	28.0
Pg Thread / 90°Elbow (DIN 40430)	PWCL-P09B	PWCL-P09G	Pg09	10	14.9	8.0	50.5	66.4	11.0	24.9	19.7
	PWCL-P110B	PWCL-P110G	Pg11	10	18.4	8.0	50.0	66.4	13.0	24.9	19.7
	PWCL-P130B	PWCL-P130G	Pg13.5	10	20.2	8.0	50.2	66.4	15.0	24.9	19.7
	PWCL-P11B	PWCL-P11G	Pg11	12	18.4	8.0	50.4	64.7	13.0	27.6	22.8
	PWCL-P132B	PWCL-P132G	Pg13.5	12	20.2	8.0	50.6	64.9	15.0	27.6	22.8
	PWCL-P162B	PWCL-P162G	Pg16	12	22.3	8.0	50.9	64.8	15.0	27.6	22.8
	PWCL-P136B	PWCL-P136G	Pg13.5	16	20.2	8.0	55.7	70.3	15.2	33.0	28.0
	PWCL-P16B	PWCL-P16G	Pg16	16	22.3	8.0	55.7	70.6	17.5	33.0	28.0