

# Metallic accessories

## LOCKNUTS, P-CLIPS, 90° & 45° ELBOWS, PROXIMITY SWITCH ADAPTORS & FEMALE COUPLERS

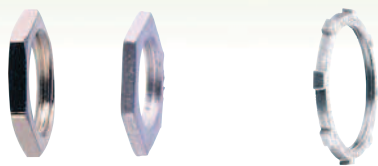
### PRODUCT CHARACTERISTICS

Type  
Description  
Materials  
Example

#### TYPE LNB/LNS

METALLIC LOCKNUTS

Nickel Plated Brass  
Galvanised Steel



METRIC THREAD	PART NUMBER NICKEL PLATED BRASS	PART NUMBER GALVANISED STEEL	PG THREAD	PART NUMBER NICKEL PLATED BRASS	NPT THREAD	PART NUMBER STEEL
M12 x 1.0	LNB/M12X1	-	PG7	LNB/PG7	3/8"	LNS/038
M12 x 1.5	LNB/M12	-	PG9	LNB/PG9	1/2"	LNS/050
M16	LNB/M16	LNS/M16	PG11	LNB/PG11	3/4"	LNS/075
M20	LNB/M20	LNS/M20	PG13.5	LNB/PG13	1"	LNS/100
M25	LNB/M25	LNS/M25	PG16	LNB/PG16	1 1/4"	LNS/125
M32	LNB/M32	LNS/M32	PG21	LNB/PG21	1 1/2"	LNS/150
M40	LNB/M40	-	PG29	LNB/PG29	2"	LNS/200
M50	LNB/M50	-	PG36	LNB/PG36		
M63	LNB/M63	-	PG42	LNB/PG42		
M75	LNB/M75	-	PG48	LNB/PG48		

#### TYPE P

P-CLIP CONDUIT SUPPORT

Plated steel construction  
with PVC insert



NOMINAL CONDUIT SIZE (mm)	PART NUMBER
10	P CLIP/10
12	P CLIP/12
16	P CLIP/16
16	P CLIP/16
20	P CLIP/20
25	P CLIP/25
32	P CLIP/32
40	P CLIP/40
50	P CLIP/50
63	P CLIP/63
75	P CLIP/75

#### TYPE 90/45

BRASS ELBOWS

Nickel Plated Brass



METRIC INTERNAL THREAD	EXTERNAL THREAD	90° ELBOW PART NUMBER	45° ELBOW PART NUMBER
M16	M16	B/M16/90	-
M20	M16	-	B/M16/45
M20	M20	B/M20/90	B/M20/45
M25	M25	B/M25/90	B/M25/45
M32	M32	B/M32/90	B/M32/45
M20	1/2" NPT	B/050/90	B/050/45
M25	3/4" NPT	B/075/90	B/075/45
M32	1" NPT	B/100/90	B/100/45
M16	PG9	B/PG9/90	-
M16	PG11	B/PG11/90	B/PG11/45
M20	PG13.5	B/PG13/90	B/PG13/45
M20	PG16	B/PG16/90	B/PG16/45
M25	PG21	B/PG21/90	B/PG21/45

Type  
Description  
Materials  
Example

#### TYPE PSA

PROXIMITY SWITCH CONNECTORS

Nickel Plated Brass



INTERNAL THREAD	TO M16 INTERNAL THREAD	TO PG9 INTERNAL THREAD
M12 x 1.0	PSA16/M12	PSA9/M12
M18 x 1.0	PSA16/M18	PSA9/M18
M30	PSA16/M30	PSA9/M30

#### TYPE TC

UNEF THREAD CONVERTERS WITH TWO INTERNAL THREADS

Nickel Plated Brass



INTERNAL THREAD	TO M16 INTERNAL THREAD	TO M20 INTERNAL THREAD	TO M25 INTERNAL THREAD	TO M32 INTERNAL THREAD	TO PG21 INTERNAL THREAD
5/8" UNEF	B/063U-M16/TC	-	-	-	-
3/4" UNEF	B/075U-M16/TC	B/075U-M20/TC	-	-	-
7/8" UNEF	-	B/088U-M20/TC	-	-	-
1" UNEF	-	B/100U-M20/TC	B/100U-M25/TC	-	-
1 1/8" UNEF	-	B/119U-M20/TC	B/119U-M25/TC	-	-
1 1/4" UNEF	-	B/131U-M20/TC	-	-	-
1 1/2" UNEF	-	-	B/144U-M25/TC	B/144U-M32/TC	B/144U-PG21/TC

#### FEMALE COUPLER

BRASS FEMALE COUPLER

Nickel Plated Brass



THREAD	PART NUMBER
M16	B/M16/C
M20	B/M20/C
M25	B/M25/C
M32	B/M32/C
M40	B/M40/C
M50	B/M50/C
M63	B/M63/C
M75	B/M75/C

# Metallic accessories

## ENLARGERS, REDUCERS & CONVERTERS

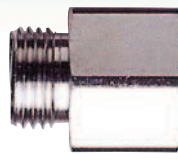
### PRODUCT CHARACTERISTICS

Type  
Description  
Materials  
Example

### TYPE E, TYPE R & TYPE TC

ENLARGERS, REDUCERS & CONVERTERS

Nickel Plated Brass



EXTERNAL THREAD	TO M12 INTERNAL THREAD	TO M16 INTERNAL THREAD	TO M20 INTERNAL THREAD	TO M25 INTERNAL THREAD	TO M32 INTERNAL THREAD	TO M40 INTERNAL THREAD	TO 1/2" NPT INTERNAL THREAD
M16	B/M16-M12/R	-	B/M16-M20/E	-	-	-	-
M20	B/M20-M12/R	B/M20-M16/R	-	B/M20-M25/E	-	-	B/M20-050/TC
M25	-	-	B/M25-M20/R	-	B/M25-M32/E	-	-
M32	-	-	-	B/M32-M25/R	-	-	-
M40	-	-	-	-	B/M40-M32/R	-	-
M50	-	-	-	-	-	B/M50-M40/R	-
PG7	-	B/PG7-M16/TC	B/PG7-M20/TC	-	-	-	-
PG9	-	B/PG9-M16/TC	B/PG9-M20/TC	-	-	-	-
PG11	-	B/PG11-M16/TC	B/PG11-M20/TC	-	-	-	B/PG11-050/TC
PG13.5	-	B/PG13-M16/TC	B/PG13-M20/TC	-	-	-	-
PG16	-	B/PG16-M16/TC	B/PG16-M20/TC	B/PG16-M25/TC	-	-	B/PG16-050/TC
PG21	-	B/PG21-M16/TC	B/PG21-M20/TC	B/PG21-M25/TC	B/PG21-M32/TC	-	-
PG29	-	-	B/PG29-M20/TC	B/PG29-M25/TC	B/PG29-M32/TC	B/PG29-M40/TC	-
PG36	-	-	-	-	B/PG36-M32/TC	B/PG36-M40/TC	-
PG42	-	-	-	-	-	-	-
PG48	-	-	-	-	-	-	-
1/2" NPT	-	B/050-M16/TC	B/050-M20/TC	-	-	-	-

EXTERNAL THREAD	TO PG7 INTERNAL THREAD	TO PG9 INTERNAL THREAD	TO PG11 INTERNAL THREAD	TO PG13.5 INTERNAL THREAD	TO PG16 INTERNAL THREAD	TO PG21 INTERNAL THREAD	TO PG29 INTERNAL THREAD	TO PG36 INTERNAL THREAD	TO PG42 INTERNAL THREAD	TO PG48 INTERNAL THREAD
M16	B/M16-PG7/TC	B/M16-PG9/TC	B/M16-PG11/TC	-	-	-	-	-	-	-
M20	B/M20-PG7/TC	B/M20-PG9/TC	B/M20-PG11/TC	B/M20-PG13/TC	B/M20-PG16/TC	B/M20-PG21/TC	-	-	-	-
M25	-	-	-	-	-	B/M25-PG21/TC	-	-	-	-
M32	-	-	-	-	-	-	B/M32-PG29/TC	-	-	-
M40	-	-	-	-	-	-	-	-	-	-
M50	-	-	-	-	-	-	-	-	-	-
PG7	-	B/PG7-PG9/E	-	-	-	-	-	-	-	-
PG9	B/PG9-PG7/R	-	B/PG9-PG11/E	B/PG9-PG13/E	-	-	-	-	-	-
PG11	B/PG11-PG7/R	B/PG11-PG9/R	-	B/PG11-PG13/E	B/PG11-PG16/E	-	-	-	-	-
PG13.5	B/PG13-PG7/R	B/PG13-PG9/R	B/PG13-PG11/R	-	B/PG13-PG16/E	B/PG13-PG21/E	-	-	-	-
PG16	B/PG16-PG7/R	B/PG16-PG9/R	B/PG16-PG11/R	B/PG16-PG13/R	-	B/PG16-PG21/E	-	-	-	-
PG21	-	-	B/PG21-PG11/R	B/PG21-PG13/R	B/PG21-PG16/R	-	B/PG21-PG29/E	-	-	-
PG29	-	-	-	-	B/PG29-PG16/R	B/PG29-PG21/R	-	B/PG29-PG36/E	-	-
PG36	-	-	-	-	-	B/PG36-PG21/R	B/PG36-PG29/R	-	B/PG36-PG42/E	B/PG36-PG48/E
PG42	-	-	-	-	-	-	B/PG42-PG29/R	B/PG42-PG36/R	-	B/PG42-PG48/E
PG48	-	-	-	-	-	-	-	B/PG48-PG36/R	B/PG48-PG42/R	-