

Conduit Fittings: Union and Elbow Union, DUN and DUNL Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The DUN union and DUNL elbow union are used in a conduit system to connect two conduits or a conduit to a fitting for Zone 1, Zone 2, and Zone 21, Zone 22 hazardous areas.

Specification

Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (Grey)
(optional offshore painting- acrylic polyurethane coating)

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex db IIC Gb	Ex tb IIIC Db
Symbol of Protection	Ex db IIC Gb	Ex tb IIIC Db
Certificate	TÜV CY 16 ATEX 0205742U	
T Rating	Temperature class of enclosure to which will be connected.	
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +75°C	
Index of Protection	IP65	



DUN-1 to DUN-3



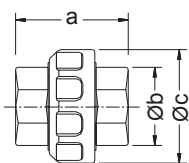
DUN-4 to DUN-10



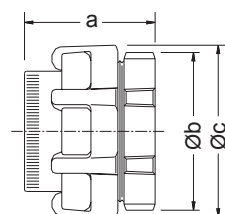
DUNL-1 to DUNL-3

Ordering Requirements and Dimensions

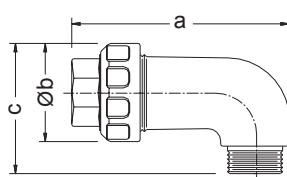
DUN-1 to DUN-3



DUN-4 to DUN-10



DUNL-1 to DUNL-3



Cat. No.	Entry threads (Female)	Dimensions in mm			Approx. weight (kg)
		a	Ø b	Ø c	
Union					
DUN-1	1/2" NPT	47.0	31.0	48.0	0.098
DUN-2	3/4" NPT	47.0	37.8	51.0	0.101
DUN-3	1" NPT	55.0	43.3	58.0	0.131
DUN-4	1-1/4" NPT	52.5	64.0	76.0	0.289
DUN-5	1-1/2" NPT	60.0	75.0	86.0	0.395
DUN-6	2" NPT	66.0	90.0	104.0	0.655
DUN-7	2-1/2" NPT	80.0	107.0	120.0	0.819
DUN-8	3" NPT	89.0	132.0	142.0	1.442
DUN-9	3-1/2" NPT	89.0	136.0	158.0	1.681
DUN-10	4" NPT	99.0	160.0	176.0	1.842
90° Elbow union*					
DUNL-1	1/2" NPT	74.0	48.0	59.0	0.184
DUNL-2	3/4" NPT	74.0	51.0	67.0	0.207
DUNL-3	1" NPT	98.0	58.0	75.0	0.354

* DUNL elbow unions are used to connect conduit to enclosures at an angle, featuring one male and one female threaded connection.