



Product Data Sheet – E1FW-RC Hazardous Area Brass Cable Gland

Product description:

Dual certified flameproof Ex d and Increased Safety Ex e indoor and outdoor cable gland for armoured and braided (SY) and steel tape armoured cable providing a flameproof seal on the outer sheath for use in Zone 1, Zone 2, Zone 21, and Zone 22 hazardous areas.

Features:

- Available in standard brass or nickel-plated brass for highly corrosive environments
- Gland provides a flameproof seal on the cable outer sheath
- Reversible armour cone to fit SWA (Steel Wire Armoured), steel tape armoured and braid wire cable
- Suitable for both indoor and outdoor applications
- Supplied complete with Nylon thread seal

Technical details:

Design	
Material	BS 2874 CZ114 / IS 319 gr.1 also available Nickel Plated
Ingress Protection	IP67 as per EN 60529
Operating Temperature	-20°C to +100°C
Applications	Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22
Approvals	
Protection class	II 2 GD Ex d IIC Gb / Ex e IIC Gb -20°C <Ta <100°C Ex tb IIIC -20°C <Ta 100°C Db IP67
ATEX Certificate No	ITSI2ATEX17637X
Construction & Test standard	EN 60079-0, EN 60079-1 and EN 60079-31

- * Gland must be used as part of a certified assembly in surface installations only.
- * Gland may not be used on a group IIC Ex d Enclosure that is larger than 2000cc volume

Standard pack contains: Gland(s), brass locknut(s), earth tag(s), and shroud(s)



EN 60079-0, EN 60079-1 and EN 60079-31 testing carried out by:





Part No.	EAN	Pack Qty	Entry thread Metric (ISO)	Thread length D (ISO)	Cable Dia. A		Cable Dia. B		Armour Acceptance Range	
					Min.	Max.	Min.	Max.	W	XYZ
					EIFW20S PACK-RC	5050291007702	2	M20	15	6.1
EIFW20 PACK-RC	5050291007672	2	M20	15	6.5	13.9	12.5	20.9	0.90/1.25	0.15/0.50
EIFW25 PACK-RC	5050291007733	2	M25	15	11.1	19.9	17	26.2	1.25/1.60	0.15/0.50
EIFW32 PACK-RC	5050291007764	2	M32	15	17	26.2	22.9	33.9	1.60/2.00	0.15/0.55
EIFW40 PACK-RC	5050291095334	1	M40	15	22	32.1	26	40.4	1.60/2.00	0.20/0.60
EIFW50 PACK-RC	5050291095341	1	M50	20	35.6	44	38	53.1	2.00/2.50	0.30/0.80
EIFW63 PACK-RC	5050291095358	1	M63	20	47.2	55.9	54.6	65.9	2.50	0.30/0.80
EIFW75 PACK-RC	5050291095365	1	M78	20	59.1	67.9	60.4	78.5	2.50	0.30/1.00

*For the nickel plated option please add suffix -NP to the above part numbers

