

XYR 6000 Wireless Transmitters



Conduit entry plugs and cable glands Installation and Disassembly

<u>Order Part No.</u>	<u>Qty.</u>	<u>Description</u>
50027942-001	1	½ NPT Conduit Entry Plug
50027942-002	2	½ NPT Conduit Entry Plug
50027942-003	1	M20 Conduit Entry Plug
50027942-004	2	M20 Conduit Entry Plug
50027942-005	1	½ NPT Cable Gland
50027942-006	2	½ NPT Cable Gland
50027942-007	1	M20 Cable Gland
50027942-008	2	M20 Cable Gland

Document Number Form: 34-XY-33-03
 Effective Date: 8/29/2007
 Supersedes: 8/14/2007

Summary

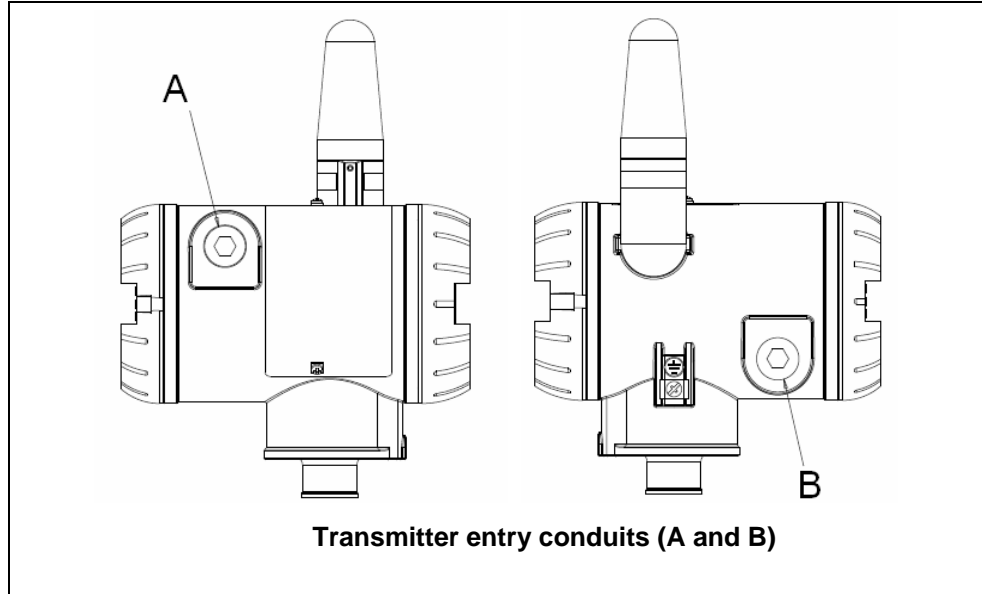
Enclosed are conduit entry plugs and cable glands for your XYR 6000 transmitter.

Factory Part No.	Description	Environmental rating	Ambient	Hazardous Location Certification
50000547-001	M20 Conduit Plug	IP66-68, 4X, 6P	-40 – 85°C	ATEX  II 2 GD EEx de IIC
50021832-002	½ NPT Conduit Plug	IP66-68, 4/4X, 6/6P	-40 – 85°C	ATEX  II 2 GD EEx d IIC; CSAcus CL I, Zone 1, Ex/AEx d IIC; CL I, Div 1 & 2, GP ABCD; CL II, Div 1 & 2, GP EFG; CL III, Div 1 & 2
50023232-001	M20 Cable Gland	IP68	-40 – 100°C	-----
50023212-001	½ NPT Cable Gland	IP68	-40 – 100°C	-----

Procedures

It is the User/Installer’s responsibility to install the XYR 6000 Wireless Transmitters in accordance with national and local code requirements. Conduit entry plugs and cable glands shall be suitable for the environment, shall be certified for the hazardous location when required and acceptable to the authority having jurisdiction for the plant.

Use the following procedures for installation.



For this model:	In Conduit entry A install:	In Conduit B entry install:
Temperature	Plug (see Table 1)	Gland (see Table 2)
High Level Analog Input	Plug (see Table 1)	Gland (see Table 2)
Corrosion	Plug (see Table 1)	Gland (see Table 2)
Pressure	Plug (see Table 1)	Plug (see Table 1)

For cable gland disassembly see Table 3.

Table 1 – Conduit entry plug installation

Step	Action												
1	Remove the protective plastic cap from the threaded conduit entry(s).												
2	Thread the appropriate size conduit plug (M20 or ½ NPT) into the hole(s). Do not install conduit entry plugs in lower conduit (B) opening if adapters or reducers will be used.												
3	Tighten plugs according to the following table. <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Description</th> <th>Tool</th> <th colspan="2">Torque</th> </tr> </thead> <tbody> <tr> <td>M20 Conduit Entry</td> <td>10mm Hex Wrench</td> <td>32 Nm</td> <td>24 Lb-ft</td> </tr> <tr> <td>½ NPT Conduit Entry</td> <td>10mm Hex Wrench</td> <td>32 Nm</td> <td>24 Lb-ft</td> </tr> </tbody> </table>	Description	Tool	Torque		M20 Conduit Entry	10mm Hex Wrench	32 Nm	24 Lb-ft	½ NPT Conduit Entry	10mm Hex Wrench	32 Nm	24 Lb-ft
Description	Tool	Torque											
M20 Conduit Entry	10mm Hex Wrench	32 Nm	24 Lb-ft										
½ NPT Conduit Entry	10mm Hex Wrench	32 Nm	24 Lb-ft										

Table 2 – Cable gland installation

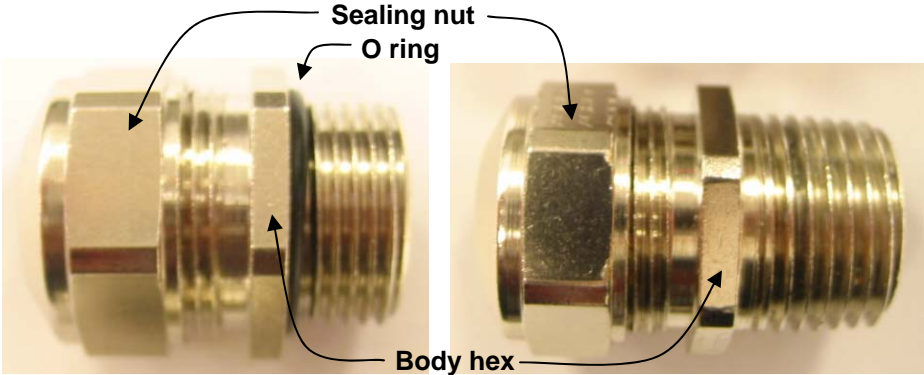
Step	Action
1	Remove the protective plastic cap from the threaded conduit entry.
2	To ensure Type 4 / IP66/67 protection on tapered threads (NPT), a non-hardening thread sealant may be used.
3	Thread the appropriate size cable gland (M20 or ½ NPT) into the lower conduit entry (B) opening. In order to maintain the Type 4 / IP66/67 environmental rating, tighten the Body Hex portion of the gland to 32 Nm (24 Lb-ft.). For M20, use 24mm wrench. For ½ NPT, use 15/16" wrench. <div style="text-align: center;">  <p style="display: flex; justify-content: space-around; margin-top: 5px;"> M20 ½ NPT </p> </div>
4	Insert the cable (6,00mm/.236" min dia. to 8,00/.315" max dia.) through the cable gland fitting to the desired position.
5	Hand-tighten the Sealing Nut as far as possible. Hold the Body Hex stationary with the first wrench. Use a second wrench to compress the cable gland seal around the cable.

Table 3 – Cable gland disassembly

Step	Action
1	Use a wrench to hold the Body Hex stationary and loosen the sealing nut with a second wrench. (See figure in step 3 of Table 2 .)
2	Grip the disconnected cable and pull while turning the cable in the counter-clockwise direction.