glassesArrangement (GlassesArrangement)

b2boptic → items → item → pair → lens → rxDataFn → near → glassesArrangement

slot	
type	integer
unity	none
occurs	1
description	the cell number of the lens in a trial frame. From the frame plane the cells are counted towards the eye with -1 and descending. In the other direction the cells are counted from the frame plane with 1 and ascending.
sphere	
type	float
unity	degree
occurs	1 or if cylinder or prism is present then 0
description	
revers (attribute of sphere)	
type	bool
use	optional
default	false
description	true if the label is towards the eye
cylinder	
type	Cylinder
occurs	1 or if sphere or prism is present then 0
description	
revers (attribute of cylinder)	
type	bool
use	optional
default	false
description	true if the label is towards the eye
prism	
type	Prism
occurs	1 or if sphere or cylinder is present then 0
description	
revers (attribute of prism)	
type	bool
use	optional
default	false
description	true if the label is towards the eye

```
<xs:complexType name="GlassesArrangement">
  <xs:sequence>
    <xs:element name="slot" type="xs:integer"/>
    <xs:choice>
```

```
      <xs:element name="sphere">
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:float">
              <xs:attribute name="revers" type="xs:boolean"
default="false"/>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="cylinder">
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="Cylinder">
              <xs:attribute name="revers" type="xs:boolean"
default="false"/>
            </xs:extension>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="prism">
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="Prism">
              <xs:attribute name="prismSlope" type="PrismSlope"
use="required"/>
            </xs:extension>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
```

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